

Table 10.-Drillers' logs of wells in Medina County, Tex.

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)		
Well C-9-29					
Owner: W. DeGrod. Driller: Austin Smith.					
Lime, gray-----	40	40	Lime, white-----	10	130
Lime, yellow, arenaceous-	20	60	Lime, pink and clay-----	60	190
Lime, white-----	20	80	Lime, white-----	25	215
Lime, pink-----	40	120	Lime, white; water-----	60	275
Well C-9-55					
Owner: E. J. Leinweber. Driller: Austin Smith.					
Lime, white-----	115	115	Lime and shale-----	70	305
Sand; water-----	5	120	Shale, gray-----	75	380
Lime, blue-----	30	150	Lime and shale-----	40	420
Shale and lime-----	45	195	Lime blue; water-----	10	430
Lime, blue-----	40	235			
Well D-7-18					
Owner: Sunny Blevins. Driller: J. R. Johnson.					
Soil-----	1	1	Lime, gray-----	121	197
Limestone, pink (Edwards)	29	30	Marl, blue-----	44	241
Lime, white, hard-----	46	76	Limestone (Glen Rose)----	93	334
Well D-8-8					
Owner: O. W. Schuehart. Driller: Austin Smith.					
Gravel, broken limestone-	20	20	Limestone, blue with		
Limestone, yellow, dense			alternating layers of		
with some flint			blue clay, yellow lime,		
(Edwards), no water----	102	122	and sand (Glen Rose)---	498	620
			Limestone (Glen Rose),		
			blue gray, contains		
			water-----	51	671

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-1-15 partial log							
Owner: Tena Rothe. Driller: California-Medina Oil Co.							
Shale, blue-----	156	156	Lime, hard with flint----	11	688		
Lime, gray-----	48	204	Lime, white, hard-----	13	701		
Lime, gray, sandy-----	20	224	Lime, white-brown, soft--	25	726		
Shale, blue-----	27	251	Lime, brown-----	4	730		
Lime, gray, hard sandy---	5	256	Lime, white, hard-----	13	743		
Lime, dark with blue clay			Lime, brown, hard-----	3	746		
and sandy shale-----			Lime, white-----	32	778		
Shale, sandy-----	22	278	Lime with flint-----	5	783		
Shale, slate and white			Lime, hard with flint----	5	788		
lime-----	18	318	Lime, white-----	5	793		
Lime, white-----	18	336	Lime, hard-----	12	805		
Lime, white and dark gray			Lime, white-----	7	812		
shale-----	12	348	Lime, white, crystalline-	8	820		
Shale, brown, sandy; water			Lime, white-----	13	833		
sand-----	72	420	Lime, crystalline with				
Sand; water and white lime	5	425	calcite, sand and lime-	21	854		
Lime, gray, hard-----	8	433	Lime, sandy-----	15	869		
Lime, white and sand;water	7	440	Lime, white, sandy-----	14	883		
Lime, white and sand, very			Lime, white, hard-----	6	889		
hard-----	12	452	Lime, white-----	10	899		
Shale, lime, sand-----	10	462	Lime, hard-----	13	912		
Lime, hard and sand, gray	16	478	Lime, white-----	18	930		
Lime, gray, sandy-----	20	498	Lime-----	13	943		
Lime, gray-----	7	505	Sand, white, hard-----	12	955		
Lime, gray, hard-----	12	517	Lime, white-----	13	968		
Lime, very hard, flint---	19	536	Lime, white to dark gray-	25	993		
Lime, gray, hard-----	4	540	Lime, gray-----	12	1,005		
Lime, very hard, flint---	14	554	Lime, gray; gas show-----	18	1,023		
Lime, white, flint-----	7	561	Lime, gray-----	10	1,033		
Lime, white, flint-----	10	571	Lime, gray, with flint---	8	1,041		
Sand, white, hard-----	23	594	Lime, gray, hard-----	10	1,051		
Sand, white and lime,			Lime, white to gray-----	10	1,061		
white-----	10	604	Lime, white-----	4	1,065		
Sand; gas show (good) and			Lime and shale, lime white				
lime, white-----	6	610	crystalline; shale gray	14	1,079		
Lime, very hard-----	10	620	Lime and shale, lime gray,				
Lime, with flint-----	15	635	hard; shale black-----	27	1,106		
Lime, white-----	9	644	Lime, gray-----	14	1,120		
Lime, white, coarse-----	10	654	Sand, dark-gray; gas show	7	1,127		
Lime, brown-----	23	677					

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Table 10.- Drillers' logs of wells in Medina County--Continued

		Thickness (feet)	Depth (feet)			Thickness (feet)	Depth (feet)
Well I-1-15--Continued							
Lime, dark, sandy and shale; water -----	12	1,139	Lime, gray, hard -----	13	1,683		
Shale and lime breaks ---	14	1,153	Lime, brown, hard -----	14	1,697		
Lime gray and shale, brown -----	4	1,157	Lime, hard, shale -----	14	1,711		
Lime, dark-gray -----	16	1,173	Lime, gray -----	19	1,730		
Lime, gray, hard -----	9	1,182	Lime, gray, hard, caving-	20	1,750		
Lime, gray, hard, sticky and shale, dark-gray --	12	1,194	Lime, brown rotten -----	13	1,763		
Sand, water, lime, gray very hard -----	7	1,201	Lime, brown caving -----	30	1,793		
Lime, gray, very flint --	8	1,209	Lime, white, caving -----	7	1,800		
Lime, gray, very hard ---	6	1,215	Lime, caving; water -----	5	1,805		
Lime, white, hard -----	3	1,218	Lime, gray -----	7	1,812		
Lime, gray, with soft lime, breaks -----	18	1,236	Lime, gray, hard -----	7	1,819		
Lime with shale breaks --	11	1,247	Lime, gray; gas show ----	9	1,828		
Lime, gray and shale, brown -----	9	1,256	Lime, gray, soft -----	13	1,841		
Lime, gray, hard and shale	7	1,263	Lime, soft, gas show ----	12	1,853		
Lime, gray -----	11	1,274	Lime, white, hard -----	6	1,859		
Lime, black, hard -----	3	1,277	Lime, white-gray, caving	13	1,872		
Lime, black -----	3	1,280	Lime, white; gas show ---	7	1,879		
Lime, gray, hard -----	4	1,284	Lime, white -----	3	1,882		
Lime and shale brown, lime, soft and shale -----	14	1,298	Lime, gray -----	12	1,894		
Lime, soft sandy -----	19	1,317	Lime, gray; gas show ----	6	1,900		
Lime, sandy and shale, brown; gas show -----	36	1,353	Lime, dark-gray -----	8	1,908		
Lime and shale, brown, blue and gypsum -----	36	1,389	Lime, white, hard -----	5	1,913		
Lime, shaley -----	34	1,423	Lime, gray, hard; gas show	10	1,923		
Lime, gray -----	11	1,434	Lime, gray -----	9	1,932		
Shale, light-gray -----	17	1,451	Lime, light-gray -----	6	1,938		
Sand and lime -----	26	1,477	Sand, gray -----	24	1,962		
Shale and lime, brown ---	34	1,511	Sand, light-gray -----	7	1,969		
Lime, shale -----	28	1,539	Lime, gray -----	6	1,975		
Lime, gray and shale ---	25	1,564	Lime, grey-sandy -----	5	1,980		
Shale and lime, gray ---	26	1,590	Lime, sandy -----	5	1,985		
Lime, gray -----	17	1,607	Lime, gray -----	8	1,993		
Lime, gray, soft and hard	27	1,634	Lime, gray, gas show ----	6	1,999		
Lime, white -----	7	1,641	Lime, gray, oil show ----	6	2,005		
Lime, hard, sandy -----	12	1,653	Lime, gray -----	24	2,011		
Lime, gray and shale sandy -----	17	1,670	Lime, gray, oil show ---	10	2,035		
			Lime, gray, hard, gas show	3	2,045		
			Lime, gray, gas show ----	29	2,048		
			Lime, with gray flint ---	5	2,077		
			Lime with flint, gas show	5	2,082		
			Lime, light gray, gas show	4	2,087		
			Lime, brown, sandy -----	4	2,091		
			Lime, gray -----	4	2,095		
			Lime, light gray with pyrite -----	6	2,101		
				5	2,106		

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Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well I-1-15--Continued			
Lime, white and shale, white -----	6 2,112	Sand -----	2 2,534
Lime, white with flint --	6 2,118	Shale -----	2 2,536
Lime, white sandy -----	7 2,125	Shale, gray -----	6 2,542
Lime, gray -----	17 2,142	Shale, brown -----	15 2,557
Lime, gray and shale		Shale, gray -----	4 2,561
light -----	7 2,149	Gumbo -----	10 2,571
Lime, white -----	10 2,159	Shale, blue -----	8 2,579
Slate and shale sticky --	2 2,161	Shale, red -----	2 2,581
Shale, light-blue -----	5 2,166	Shale, blue -----	3 2,584
Shale, light -----	2 2,168	Shale, dark -----	4 2,588
Pyrite -----	6 2,174	Shale, sandy -----	2 2,590
Lime, white, sandy water	19 2,193	Sand, brown -----	2 2,592
Lime, gray; gas show ----	10 2,203	Sand and lime -----	3 2,595
Lime, brown, sandy oil		Sand, brown, chalk -----	2 2,597
show -----	9 2,212	Sand, white and shale; oil -----	1 2,598
Lime, gray, hard -----	10 2,222	Chalk, gumbo -----	2 2,600
Lime, white; gas show ---	7 2,229	Gumbo -----	2 2,602
Lime, brown-gray sandy --	17 2,246	Shale; brown; oil show --	13 2,615
Shale, white -----	8 2,254	Lime; oil show -----	1 2,616
Shale and lime, gray ----	6 2,260	Shale, blue sandy; oil	
Shale and lime -----	183 2,443	show -----	5 2,621
Shale, gray -----	7 2,450	Shale, white, sandy, caving -----	2 2,623
Shale, blue -----	4 2,454	Shale, red -----	5 2,628
Shale, blue-gray -----	15 2,469	Sand, red -----	2 2,630
Lime, blue-gray, and shale		Asphalt -----	1 2,631
sandy -----	5 2,474	Shale, light red-gray ---	7 2,638
Lime, gray, sandy and		Lime, sandy -----	2 2,640
shale; oil -----	3 2,477	Lime, black -----	2 2,642
Lime, gray, hard and blue		Unknown -----	6 2,648
shale -----	3 2,480	Shale, brown -----	4 2,652
Lime, white hard -----	2 2,482	Shale, gray -----	16 2,668
Shale, blue, sandy; oil		Shale, gray and sand ----	10 2,678
show -----	3 2,485	Sand with lime -----	19 2,697
Lime, blue; sand, gray; shale, blue -----	6 2,491	Lime, white -----	7 2,704
Shale, blue, with lime --	9 2,500	Sand, brown -----	1 2,705
Lime, gray, sandy; oil		Shale, gray -----	5 2,710
show -----	4 2,504	Gumbo -----	3 2,713
Sand -----	24 2,528	Lime, hard -----	2 2,715
Sand and shale, red ----	2 2,530	Sand, brown -----	2 2,717
Sand, caving bad -----	2 2,532	Shale, sandy -----	23 2,740

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Table 10.-Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-1-15--Continued							
Shale, sandy and sand ---	11	2,751	Lime -----	3	3,066		
Sand -----	11	2,762	Shale, sandy; gas show --	2	3,068		
Shale, sandy -----	62	2,824	Lime, hard, crystalline -	7	3,075		
Shale, sandy and sand ---	8	2,832	Shale, gray, friable ----	4	3,079		
Lime, sandy -----	20	2,852	Shale, gray, sandy,				
Sand -----	51	2,903	friable -----	2	3,081		
Shale, sandy -----	10	2,913	Shale, sandy -----	4	3,085		
Shale, sandy and lime ---	26	2,939	Shale, gray -----	2	3,087		
Lime -----	7	2,946	Shale, gray and hard				
Lime and sand -----	10	2,956	brown -----	23	3,110		
Lime and shale caving ---	6	2,962	Lime, white and shale,				
Shale, sandy -----	8	2,970	gray -----	2	3,112		
Shale, sand and limestone	7	2,977	Shale, brown and dark				
Shale, grayish-brown ----	8	2,985	blue -----	21	3,133		
Shale, brown -----	6	2,991	Shale, dark -----	11	3,144		
Sand, brown with shale			Shale -----	2	3,146		
and lime -----	16	3,007	Shale, brown -----	6	3,152		
Shale, brown -----	11	3,018	Shale, light brown; oil				
Shale, brown and gray ---	9	3,027	show -----	15	3,167		
Shale, fine sandy -----	2	3,029	Sand; oil show -----	7	3,174		
Shale, brownish-gray ----	6	3,035	Sand, with oil -----	11	3,185		
Shale, gray -----	7	3,042	Sand, black -----	3	3,188		
Sand -----	10	3,052	Shale and sand, black ---	4	3,192		
Sand and shale -----	4	3,056	Sand and shale -----	5	3,197		
Shale, gray -----	5	3,061	Shale and sand, black ---	1	3,198		
Sand and lime -----	1	3,062	Gumbo and shale -----	7	3,205		
Lime, sandy -----	1	3,063	Gumbo shale -----	8	3,213		
			Total Depth -----		3,705		
Well I-2-85							
Owner: Howard Nessley. Driller: Precision Drilling Co.							
Soil -----	4	4	Shale, gray, sandy -----	52	157		
Caliche, gravel and			Shale and lime (top				
boulders -----	21	25	Anacacho) -----	22	179		
Clay, yellow -----	14	39	Shale, blue, sandy -----	5	184		
Shale, gray -----	31	70	Lime, hard; oil show ----	21	205		
Shale, blue; lime streaks	35	105	Lime, hard and shale ----	141	346		
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Table 10. Drillers' logs of wells in Medina County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well I-2-85--Continued			
Chalk with shale streak -	290	636	Shale, gray, sticky ----- 67 805
Shale, dark sandy hard			Lime, gray, hard ----- 24 829
streaks -----	38	674	Crevice, lost circulation 2 831
Limestone, white hard,			Limestone, (Edwards) no
(Buda) -----	64	738	circulation ----- 20 851
Well I-3-5			
Owner: J. G. Brucks. Driller: R. Schwartz.			
Grayson shale, (Del Rio			Lime, crevice; water ---- 135 300
clay) -----	35	35	Lime, gray ----- 25 325
Sand, calcareous -----	55	90	
Limestone, (Edwards);			
water	75	165	
Well I-3-34			
Owner: Walter Brucks. Driller: Cravens Drilling Co.			
Soil -----	2	2	Lime, gray soft ----- 47 165
Limestone, (Buda) -----	62	64	Limestone, (Edwards)
Grayson shale, (Del Rio			water in crevice ----- 93 258
clay) -----	54	118	
Well I-3-36			
Owner: Melvin Balzen. Driller: Abe Tschirhart.			
Soil, yellow -----	3	3	Lime, gray, flint ----- 54 184
Clay, blue, Grayson shale			Lime, pink ----- 77 261
(Del Rio clay) -----	57	60	Lime, white; water ----- 39 300
Limestone, gray -----	48	108	Lime, blue ----- 2 302
Limestone, (Edwards) ----	22	130	

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-3-49							
Owner: O. Wiemers. Driller: Otto Wiemers.							
Soil and gravel -----	15	15	Limestone, (Georgetown) -	54	221		
Shale, gray -----	33	48	Limestone, (Edwards) ----	35	256		
Limestone, (Buda) -----	61	109					
Clay, blue, Grayson shale (Del Rio clay) -----	58	167					
Well I-3-66							
Owner: Atlantic Pipeline Co. Driller: J. R. Johnson.							
Soil -----	2	2	Chalk, (Austin) -----	183	905		
Caliche -----	10	12	Shale, (Eagle Ford) ----	19	924		
Caliche and gravel -----	33	45	Limestone (Buda) -----	64	988		
Clay and gravel -----	21	66	Clay, Grayson shale, (Del Rio clay) -----	48	1,036		
Shale (Navarro) -----	259	325	Limestone, (Georgetown) -	36	1,072		
Sand, green and shale streaks -----	22	347	Limestone, (Edwards) with shale streaks -----	269	1,341		
Shale, (Navarro) -----	13	360					
Marl, (Taylor) -----	362	722					
Well I-3-80							
Owner: R. L. Mumme. Driller: J. Harper.							
Gravel and clay -----	9	9	Chalk -----	75	378		
Lime, light gray -----	76	85	Shale, (Eagle Ford) ----	37	415		
Lime, soft -----	35	120	Limestone, (Buda) -----	60	475		
Clay, blue -----	40	160	Clay, Grayson shale, (Del Rio clay) -----	40	515		
Lime, hard -----	33	193	Limestone (Georgetown and Edwards) -----	10	525		
Chalk -----	92	285					
Shale, gray -----	18	303					

Table 10.-Drillers' logs of wells in Medina County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)		
Well I-3-98					
Owner: E. Boehle. Driller: O. R. Frome.					
Soil -----	3	3	Shale, grey, hard -----	45	785
Clay, yellow -----	7	10	Shale, brown, lignite ---	27	812
Gravel -----	5	15	Lime, green -----	26	838
Clay, yellow -----	40	55	Shale, blue, pyrite ----	7	845
Sand, rock -----	1	56	Chalk -----	50	895
Gumbo, rock -----	9	65	Lime, hard -----	15	910
Lime, shell -----	1	66	Chalk -----	80	990
Shale, grey -----	164	230	Shale, dark, pyrite ----	15	1,005
Shale, shell -----	15	245	Chalk -----	70	1,075
Shale, grey -----	165	410	Shale, (Eagle Ford) ----	37	1,112
Shale, shell -----	17	427	Limestone (Buda) -----	61	1,173
Lime, grey, soft -----	38	465	Clay, Grayson shale, (Del		
Shale, grey, soft -----	140	605	Rio clay) -----	59	1,232
Lime, white chalky -----	70	675	Limestone, (Georgetown) -	51	1,283
Lime, white, hard -----	65	740			
Well I-3-118					
Owner: U. S. Government. Driller: Wiegand Bros.					
Gravel and shale -----	63	63	Chalk -----	66	848
Clay and boulders -----	15	78	Chalk and shale -----	65	913
Shale -----	186	264	Shale -----	116	1,029
Shale and boulders -----	85	349	Limestone -----	69	1,098
Shale -----	302	651	Shale -----	67	1,165
Limestone -----	131	782	Limestone -----	253	1,418
Well I-3-127					
Owner: J. D. Dodson. Driller: Humble Oil & Refining Co.					
Clay and sand -----	24	24	Shale, sandy, boulders --	286	432
Sand, boulders -----	50	74	Shale, lime -----	146	578
Sand, hard -----	66	140	Sand, hard -----	56	634
Rock -----	2	142	Rock -----	10	644
Shale -----	4	146	Shale -----	14	658
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Table 10.-Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-3-127--Continued							
Rock -----	4	662	Sand, tested dry -----	76	1,466		
Shale, boulders -----	64	726	Shale, sandy -----	5	1,471		
Rock -----	2	728	Sand -----	12	1,483		
Shale, boulders -----	30	758	Shale, sandy -----	61	1,544		
Rock -----	1	759	Shale, sticky -----	160	1,704		
Shale, boulders -----	13	772	Shale, lime -----	116	1,820		
Shale, boulders -----	253	1,025	Marl, (Taylor) -----	246	2,066		
Rock -----	3	1,028	Chalk, (Austin) -----	303	2,369		
Shale, boulders -----	12	1,040	Shale, (Eagle Ford) -----	64	2,433		
Rock -----	5	1,045	Limestone (Buda)	154	2,587		
Shale, boulders -----	200	1,245	Limestone, (Georgetown) -	60	2,647		
Shale -----	145	1,390	Limestone, (Edwards) -----	25	2,672		
Well I-3-134							
Owner: City of Hondo. Driller: P. Lindholm							
Clay, boulders -----	28	28	Shale, hard -----	75	830		
Clay, sand -----	10	38	Rock -----	55	885		
Rock and sand -----	4	42	Gypsum -----	165	1,050		
Clay -----	48	90	Asphalt; oil show -----	7	1,057		
Gumbo -----	250	340	Rock, hard -----	93	1,150		
Rock -----	3	343	Limestone, with pyrite --	25	1,175		
Shale -----	17	360	Limestone, hard -----	47	1,222		
Shale, hard -----	20	380	Limestone, with pyrite --	22	1,244		
Shale, hard and soft ----	200	580	Shale and limestone -----	52	1,296		
Gumbo, tough -----	13	593	Rock, hard -----	44	1,340		
Rock -----	39	632	Rock, soft and shale ----	25	1,365		
Gypsum and rock -----	21	653	Rock, with pyrite -----	3	1,368		
Limestone, hard -----	21	674	Shale with pyrite -----	97	1,465		
Limestone, soft -----	38	712	Sand, stratified; water -	20	1,485		
Rock, hard -----	13	725	Limestone -----	15	1,500		
Gumbo -----	30	755	Shale, hard and soft ----	100	1,600		
Well I-3-135							
Owner: Walter Meyer. Driller: C. Gilliam.							
Soil -----	30	30	Clay, yellow -----	11.5	73		
Gravel -----	31	61	Clay, blue -----	25	98		
Lime, hard, laminated ---	0.5	61.5					

Table 10.-Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-3-139							
Owner: Louis Heyen. Driller: Austin Smith.							
Lime, white -----	15	15	Lime, yellow -----	30	245		
Lime, yellow -----	20	35	Lime, white -----	60	305		
Shale, blue -----	60	95	Lime, gray -----	45	350		
Limestone (Edwards) -----	70	165	Lime, white; water -----	45	395		
Lime, gray -----	50	215	Lime, yellow -----	5	400		
Well I-4-7							
Owner: G. A. Kennedy. Driller: Stover and May.							
Soil -----	6	6	Rock -----	4	439		
Gravel -----	9	15	Limestone -----	21	460		
Rock -----	9	24	Lime, broken; oil show --	14	474		
Rock, broken -----	12	36	Lime, broken -----	58	532		
Rock -----	4	40	Lime, shale -----	9	541		
Sand, gravel -----	44	84	Lime with pyrite -----	19	560		
Rock, broken -----	23	107	Lime, hard -----	9	569		
Rock -----	2	109	Lime, sandy -----	13	582		
Shale -----	11	120	Lime, hard -----	62	644		
Rock -----	6	126	Shale and lime, hard ----	17	661		
Shale -----	6	132	Shale and lime, broken --	11	672		
Rock -----	4	136	Chalk -----	118	790		
Sand -----	6	142	Chalk with pyrite -----	27	817		
Rock -----	4	146	Sand and chalk -----	10	827		
Shale -----	21	167	Chalk, hard and shale ---	5	832		
Rock -----	3	170	Chalk -----	115	947		
Shale, boulders -----	89	259	Chalk, shale, chalky ----	34	981		
Rock -----	2	261	Limestone, hard -----	56	1,037		
Shale -----	19	280	Chalk and clay, streaks -	34	1,071		
Rock -----	2	282	Chalk, hard -----	69	1,140		
Shale, sandy -----	8	290	Shale, (Eagle Ford) -----	30	1,170		
Rock -----	2	292	Limestone, (Buda) -----	125	1,295		
Shale, sticky, rock ----	23	315	Clay, Grayson shale, (Del				
Shale -----	15	330	Rio clay) -----	75	1,370		
Shale, sandy -----	15	345	Limestone, (Georgetown) -	28	1,398		
Shale, sticky -----	65	410	Gumbo -----	3	1,401		
Rock -----	2	412	Limestone (Edwards) -----	55	1,456		
Shale, boulders -----	23	435					

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-4-11							
Owner: W. C. Scott. Driller: Sun Oil Co.							
Caliche, gravel and clay	28	28	Lime-dolomite, hard -----	17	395		
Lime, hard or chalk -----	20	48	Igneous rock -----	12	407		
Marl, firm -----	14	62	Ash agglomerate, green,				
No recovery -----	14	76	slate color, with calc-				
Chalk, hard, porous -----	3	79	cite and ash veins -----	11	418		
No recovery -----	9	88	Ash, green crumbly with				
Marl, firm, hard with			calcite veins -----	9	427		
shale at base -----	10	98	Lime, white hard; pyrites				
Sand, blue, tight, shaley			vertical split filled				
or ashy -----	11	109	with calcite and trace				
Shale, blue sandy or ash	6	115	of asphalt -----	3	430		
No recovery -----	5	120	Lime, white hard, with				
Chalk, hard, fossil,			vertical faults-trace				
asphaltic -----	8	128	of asphalt -----	10	440		
Chalk, very hard, fossil	8	136	Lime, white, hard fossil-				
Chalk, very hard, fossil			iferous -----	10	450		
with ash pebbles and			Conglomerate, white hard				
ash, greenish-blue			fossiliferous; Lime				
sandy -----	12	148	gray hard fine texture;				
Ash, greenish blue and			Ash, slate colored,				
gray friable and breccia			hard, fine texture ----	10	460		
with calcity seams ----	80	228	Chalk, gray, hard, fossil-				
Ash, sandy -----	2	230	iferous -----	16	476		
Ash, coarse crumbly -----	9	239	Chalk, white, hard				
Sand, limy -----	2	241	fossiliferous with spots				
Lime, breccia, very hard			of glauconite -----	10	486		
fossiliferous -----	4	245	Chalk, light gray, hard				
Lime, very hard -----	2	247	sandy, calcareous ----	10	496		
Conglomerate, lime, very			Chalk, light gray hard,				
hard -----	2	249	ash blue, sandy, compact				
Ash, green, friable, with			chalk very hard, sandy				
calcite -----	4	253	fossiliferous with spots				
Ash, bluish-gray firm			of green serpentine ---	22	518		
brittle -----	27	280	Chalk, white hard, fossil				
Rock, dark; hard -----	33	313	calcareous, with grains				
Rock, dark, hard with			of green serpentine ---	12	530		
calcite and quartz			Chalk, white hard limy				
seams of varying texture	60	373	with spots of green ser-				
Vein material vertical			pentine, hard sandy limy				
rather than the usual			chalk with green serpen-				
horizontal -----	5	378	tine specks and large				
			fossil shells -----	15	545		

(Continued on next page)

Table 10. Drillers' logs of wells in Medina County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well I-4-11--Continued			
Chalk, hard sandy limey with serpentine and large fossil shells; chalk white hard, fos- siliferous -----	10	555	Limestone, white, hard; oil trace; shale, black -----
Chalk, gray, soft, friable and white, hard -----	12	567	Shale, black, firm -----
Chalk, white, hard with a few dark bands -----	87	654	Shale, black, firm fossil with pyrite and lime- stone, light, gray hard dense, 3 feet thick
No recovery -----	30	684	with pyrite -----
Chalk, white, hard with a few dark bands -----	87	771	Limestone, white hard dense, fossiliferous --
Chalk, white, hard -----	42	813	Serpentine, green; gumbo Limestone (Georgetown)
Chalk, light hard -----	39	852	Limestone, white hard dense, Ash, blue firm;
Chalk, dark, hard, lami- nated; gas odor slight	10	862	Limestone dark buff, dense (Edwards) -----
Shale, brown, very hard, laminated; gas odor slight -----	33	895	Limestone, buff, very hard asphaltic and contains dark, nederal flint -----
Shale, dark, very hard laminated; gas odor good -----	39	934	No recovery -----
Shale, dark, very hard laminated; gas odor good Limestone, white very hard massive ----	11	945	Limestone, buff, hard slightly less dense than Edwards -----
Ash, blue, firm, lime- stone white, very hard massive -----	12	957	Flint, black very hard --
No recovery -----	14	971	Limestone, tan, very hard -----
Limestone, white, very hard, massive -----	15	986	Limestone, buff, hard por- ous, fossiliferous, with calcite, sulphur odor; water -----
Limestone, white, hard; oil trace -----	27	1,013	13
			1,185
Well I-4-17			
Owner: George Rehm. Driller: -- Stegner.			
Shale, yellow, slightly sandy -----	20	20	Shale, yellow, slightly sandy -----
Shale and gravel, yellow	10	30	10
			40
(Continued on next page)			

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-4-17--Continued							
Shale and gravel, yellow calcareous -----	40	80	Limestone, gray-white hard and, shale gray hard with pyrite -----	75	500		
Slate and gravel, orange, calcareous -----	10	90	Shale, bluish-gray, hard	10	510		
Shale, brown, sandy, streaks	20	110	Limestone, earthy white and shale, blue -----	20	530		
Shale, dark blue, calcareous -----	10	120	Limestone, white hard and shale, blue with pyrite	30	560		
Limestone, dark gray and shale-----	10	130	Limestone, earthy white with glauconite -----	80	640		
Serpentine, bright green-	10	140	Limestone, white mud hard with pyrite -----	310	950		
Limestone, white gray, hard	20	160	Limestone, brown, hard laminated, crystalline, dark-gray brown cal- careous; oil-odor lignite -----	70	1,020		
Shale, dark gray -----	10	170	Lignite hard brownish black -----	30	1,050		
Shale, bluish-green with pyrite	10	180	Limestone, with hard ----	90	1,140		
Shale, green, hard lime- stone, with massive ---	50	230	Shale, grayish-blue, sticky, with pyrite ---	80	1,220		
Shale, bluish-green and limestone, white -----	30	260					
Limestone, gray and white	20	280					
Shale, dark gray and lime- stone -----	80	360					
Limestone, white and gray with pyrite -----	10	370					
Shale, dark gray, gumbo, hard and limestone, hard	55	425					
Well I-5-2							
Owner: Southern Pacific Lines. Driller: P. Lindholm.							
Clay -----	31	31	Chalk, hard -----	20	790		
Sand or clay -----	100	131	Clay, stone -----	16	806		
Limestone -----	60	191	Clay, sand -----	34	840		
Sand, cement -----	30	221	Soapstone, blue; oil show	114	954		
Sand; water -----	5	226	Sand, brown -----	118	1,072		
Sand, tight -----	20	246	Rock, white and sand ----	13	1,085		
Sandstone -----	28	274	Sand, packed; water ----	79	1,164		
Clay, blue, slate -----	35	309	Limestone -----	7	1,171		
Limestone -----	429	738					
Slate -----	32	770					

Table 10.-Drillers' logs of wells in Medina County--Continued

Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well I-5-8, partial log				
Owner: C. Steurnthaler. Driller: Pegg Bros.				
No record -----	380	380	Shale, (Eagle Ford) -----	60 1,050
Marl, (Taylor) -----	150	530	Limestone, (Buda) -----	70 1,120
Limestone, (Anacacho) ----	200	730	Total Depth -----	1,462
Chalk, (Austin) -----	260	990		
Well I-5-11				
Owner: R. J. Taylor. Driller: A. Hunt.				
Clay, yellow -----	15	15	Clay, blue -----	38 100
Gravel and clay, yellow -	37	52	Shale, lime streaks -----	165 265
Sand, white; water -----	2	54	Shale, blue -----	103 368
Clay, yellow -----	8	62	Shale, blue and lime ----	27 395
Well I-5-26				
Owner: A. E. Saathoff. Driller: P. Lindholm.				
Soil -----	2.5	2.5	Limestone, (Anacacho) ---	5 405
Gravel, (Leona) -----	17.5	20	Limestone, and asphalt;	
Clay, yellow -----	64	84	oil -----	35 440
Clay, blue -----	106	190	Limestone and shale -----	48 488
Sand -----	18	208	Limestone; water -----	20 508
Shale, gray -----	192	400		
Well I-5-30				
Owner: M. J. Finger. Driller: Joe Anderle.				
Gravel and sand -----	5	5	Sand and clay -----	15 350
Clay, yellow -----	50	55	Sandstone, red -----	12 362
Clay, blue -----	36	91	Marl, gray -----	43 405
Lime, blue -----	2	93	Marl, white -----	25 430
Clay, blue -----	112	205	Sand; water -----	6 436
Shale, gray -----	95	300	Sandstone -----	17 453
Sand with asphalt -----	35	335	Sand; oil show -----	1 454

Table 10. Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-5-34							
Owner: John N. Fohn. Driller: Finnell & Williams.							
Gravel -----	3	3	Shale, gummy -----	20	695		
Clay -----	37	40	Sand, hard -----	9	704		
Sand -----	4	44	Shale, sticky -----	76	780		
Shale with sand -----	216	260	Lime, hard -----	5	785		
Shale, light colored ----	10	270	Gumbo -----	50	835		
Sand, gray; water -----	5	275	Lime, hard; good oil show	23	858		
Shale, sandy; oil show --	190	465	Gumbo, sticky -----	20	878		
Shale, light with sand			Shale, sandy; oil show --	12	890		
lenses; oil show -----	55	520	Shale, hard, limey -----	15	905		
Lime, gray, soft -----	5	525	Lime, hard, sandy -----	12	917		
Shale, sandy -----	50	575	Lime, very hard -----	13	930		
Shale, hard -----	15	590	Lime -----	35	965		
Sand, hard; oil show ----	21	611	Lime, yellow; oil show --	12	977		
Shale, soft -----	19	630	Lime, dark gray -----	24	1,001		
Shale, sandy -----	32	662	Lime, light -----	7	1,008		
Shale and sand with lenses; oil show -----	13	675					
Well I-5-35							
Owner: J. A. Mott. Driller: Medina Oil Co.							
Flint, boulders -----	2	2	Gumbo -----	25	240		
Clay, yellow -----	28	30	Lime, hard -----	5	245		
Clay, gray -----	5	35	Gumbo -----	25	270		
Shale, light -----	35	70	Lime -----	5	275		
Sand, white -----	10	80	Gumbo -----	10	285		
Clay, brown -----	35	115	Lime, dark, shells -----	5	290		
Sand; water -----	15	130	Oil show -----	5	295		
Clay, gray -----	5	135	Sandstone, white -----	15	310		
Gumbo, blue -----	15	150	Shale, blue -----	130	440		
Lime, hard -----	15	165	Lime, gray -----	2	442		
Sand; water -----	15	180	Sand; water -----	3	445		
Gumbo -----	30	210	Lime, gray -----	3	448		
Lime -----	5	215	Shale, blue -----	390	838		

Table 10.-Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-5-36							
Owner: Otto Mainz. Driller: United North & South Development Co.							
Soil -----	20	20	Boulders, sand -----	9	550		
Sand -----	10	30	Sandstone -----	37	587		
Gravel rock -----	10	40	Shale -----	3	590		
Rock -----	29	69	Sandstone -----	19	609		
Boulders and sand, hard	36	105	Limestone with pyrite ---	6	615		
Rocks, hard, sandy -----	44	149	Lime, hard -----	59	674		
Shale, hard -----	61	210	Lime, hard and shale				
Sand; oil show -----	7	217	broken -----	13	687		
Shale, sandy -----	26	243	Lime and shale, broken --	33	720		
Shale, hard -----	2	245	Lime and shale, hard ---	37	757		
Shale, hard, dry -----	13	258	Sandstone and lime -----	8	765		
Shale, hard -----	14	272	Chalk -----	6	771		
Shale -----	18	290	Chalk with pyrite -----	55	826		
Shale, hard -----	11	301	Chalk -----	235	1,061		
Sand, hard; water -----	3	304	Shale (Eagle Ford) -----	38	1,099		
Lime, hard, sand -----	11	315	Limestone (Buda) -----	73	1,172		
Rock -----	1	316	Clay, Grayson shale, (Del				
Sand, hard; water -----	7	323	Rio clay) -----	76	1,248		
Lime, hard, sandy -----	10	333	Limestone (Georgetown) --	71	1,319		
Shale -----	2	335	Limestone -----	38	1,357		
Shale, hard and boulders	40	375	Limestone (Edwards) -----	3	1,360		
Shale -----	108	483	Cap rock -----	1	1,261		
Sand -----	1	484	Lime -----	16	1,377		
Shale -----	5	489	Limestone (Edwards) -----	16	1,393		
Sand, hard -----	15	504	Lime, broken -----	27	1,420		
Shale, hard -----	27	531	Limestone, broken -----	5	1,425		
Boulders, hard, sand ---	10	541					
Well I-5-37							
Owner: R. J. Taylor. Driller: N. C. Johnson.							
Soil -----	3	3	Shale, hard, sandy -----	72	692		
Clay, gray, sandy -----	32	35	Shale, white, sandy -----	58	750		
Gravel -----	9	44	Clay, blue -----	3	753		
Clay, yellow -----	3	47	Chalk -----	252	1,005		
Gravel, water -----	5	52	Shale, (Eagle Ford) -----	41	1,046		
Clay, yellow -----	18	70	Limestone, (Buda) -----	76	1,122		
Shale, gray and boulders	255	325	Clay, Grayson shale, (Del				
Lime, rock -----	10	335	Rio clay) -----	70	1,192		
Shale, gray, sandy -----	185	520	Limestone, (Georgetown) -	56	1,248		
Sandstone, hard -----	78	598	Limestone -----	1	1,249		
Lime and sand, hard ----	22	620					

Table 10.-Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-5-41							
Owner: A. L. Haegelin. Driller: Sun Oil Co.							
Alluvium and shale -----	80	80	Lime, gray, sandy, fossils -----	3	318		
Sand, green, shaley -----	24	104	Shale, green fossiliferous	33	351		
Lime, sandy, glauconic --	34	138	Sandy, clay and sandstone; oil spots -----	28	379		
Sand, calcareous -----	12	150	Sand, green -----	12	391		
Sand and shale, green fossil -----	30	180	Lime, green fossiliferous	2	393		
Clay, green, fossil -----	14	194	Clay, green sandy -----	36	429		
Lime, fossils -----	4	198	Clay, green, sandy, oil streaks -----	106	535		
Sand, dark green -----	14	212	Shale, green, sandy -----	69	604		
Lime -----	1	213	Shale, green and sand streaks -----	19	623		
Sand, green and clay ----	16	229	Shale, green and sand, thin streaks -----	87	710		
Lime, green, sandy fossil	7	236	Shale, green and sand ---	50	760		
Sand, greenish gray -----	22	258	Clay and shale green ----	13	773		
Lime, green fossils -----	2	260					
Clay, sand, grayish-green	20	280					
Marl, green fossils -----	4	284					
Sand, grayish-green -----	31	315					
Well I-5-43							
Owner: A. L. Haegelin. Driller: Ben Banner,							
Soil -----	10	10	Shale, blue sticky -----	8	378		
Gravel -----	10	20	Shale, blue, hard, broken	87	465		
Clay, yellow -----	10	30	Shale, blue, sandy -----	110	575		
Sand, gravel -----	14	44	Sandy, green, hard -----	6	581		
Rock, hard -----	12	56	Shale, hard, sandy -----	49	630		
Shale, green -----	63	119	Shale, blue, medium hard	50	680		
Rock, hard -----	27	146	Shale, blue, hard -----	53	733		
Shale, green -----	5	151	Shale, sticky -----	145	878		
Rock, hard -----	3	154	Sand, shale streaks; good oil show -----	7	885		
Shale, blue -----	39	193	Shale, sandy; oil show --	12	897		
Lime, green hard -----	1	194	Shale, sticky -----	4	901		
Shale, blue -----	48	242	Shale, blue, soft -----	28	929		
Sand, green, hard -----	4	246	Lime, hard, sandy -----	34	963		
Shale, blue, medium -----	19	265	Lime, green, hard -----	3	966		
Shale, blue, hard, broken	48	313	Marl, (Taylor) hard ----	79	1,045		
Shale, hard, sandy; oil show -----	57	370	Sand, hard -----	7	1,052		

(Continued on next page)

Table 10.-Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-5-43--continued							
Gumbo, blue -----	13	1,065	Lime, broken and shale --	76	1,390		
Shale, hard, sandy -----	20	1,085	Shale (Eagle Ford) -----	60	1,450		
Shale, sandy and lime ---	30	1,115	Limestone (Buda) -----	45	1,495		
Lime, hard and sandstone	15	1,130	Clay, Grayson shale (Del				
Chalk -----	85	1,215	Rio clay) -----	75	1,570		
Shale and lime -----	17	1,232	Limestone, (Georgetown) -	80	1,650		
Lime, sandy -----	12	1,244	Limestone (Edwards) -----	70	1,720		
Lime, hard and soft -----	41	1,285					
Lime, arenaceous; oil							
show -----	29	1,314					
Well 1-5-44							
Owner: A. L. Haegelfn. Driller: Medina Oil Co.							
Clay -----	10	10	Gumbo -----	38	1,200		
Rock -----	28	38	Limestone (Anacacho) ----	18	1,218		
Gravel; water -----	4	42	Lime, sandy -----	12	1,230		
Boulders and gumbo -----	20	62	Clay, blue, hard -----	40	1,270		
Gumbo and sand -----	174	236	Sand and gravel -----	3	1,273		
Gumbo and shale -----	173	409	Limestone (Anacacho) ----	19	1,292		
Gumbo, sandy -----	251	660	Shale, blue -----	5	1,297		
Shale, sandy -----	30	690	Unknown formation -----	297	1,594		
Gumbo -----	15	705	Shale, (Eagle Ford), gray	16	1,610		
Shale, blue -----	255	960	Shale -----	35	1,645		
Gumbo -----	13	973	Limestone (Buda) -----	78	1,723		
Limestone (Anacacho) ----	66	1,039	Clay, Grayson shale, (Del				
Salt water and salt ----	53	1,092	Rio clay) -----	77	1,800		
Water and gas show -----	5	1,097	Limestone, (Georgetown)				
Shale and azurite, blue -	6	1,103	sulphur water -----	37	1,837		
Limestone (Anacacho) ----	59	1,162	Limestone and sand; water	24	1,861		
			Limestone (Edwards) fresh				
			water; oil show -----	45	1,906		
			Limestone -----	44	1,950		

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-5-51							
Owner: T. J. Bendele. Driller: W. H. Wycott.							
Soil -----	5	5	Shale, gray, boulders ---	21	195		
Lime, hard -----	19	24	Shale, gray, sticky -----	10	205		
Clay, yellow -----	31	55	Shale, gray, sandy -----	45	250		
Shale, blue, gummy -----	12	67	Limestone -----	5	255		
Shale, hard, sandy, flint	23	90	Sand; water -----	5	260		
Shale, blue and limestone	20	110	Shale, gray, gummy -----	50	310		
Lime, white -----	10	120	Lime, gray, sandy -----	65	375		
Shale, blue, sandy -----	54	174					
Well I-5-56							
Owner: Carle and Nester. Driller: W. Glasscock.							
Soil -----	119	119	Shale -----	54	1,266		
Boulders, hard, sandy ---	139	258	Limestone and shale -----	159	1,425		
Sand, hard -----	60	318	Limestone, sandy -----	87	1,512		
Sand and shale -----	124	442	Limestone -----	188	1,700		
Shale and sand -----	153	595	Shale and limestone -----	7	1,707		
Shale -----	460	1,055	Shale -----	24	1,731		
Shale, hard, sandy -----	20	1,075	Shale and limestone -----	206	1,937		
Sand -----	7	1,082	Limestone -----	57	1,994		
Shale, calcareous -----	20	1,102	Shale -----	6	2,000		
Shale, hard, sticky -----	19	1,121	Limestone -----	2	2,002		
Lime, sandy -----	22	1,143	Shale and limestone -----	293	2,295		
Lime, hard, sandy -----	46	1,189	Limestone -----	21	2,316		
Shale and limestone -----	9	1,198	Limestone, broken -----	72	2,388		
Limestone -----	14	1,212	Limestone and shale -----	24	2,412		
Well I-5-59							
Owner: Paul Rienhardt. Driller: W. W. Woodworth.							
Soil -----	3	3	Sandstone -----	4	40		
Rock -----	25	28	Rock, red -----	8	48		
Sandstone -----	2	30	Rock, sand -----	3	51		
Sand, white; water -----	6	36	Shale -----	55	106		
(Continued on next page)							

Table 10.-Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-5-59--continued							
Sandstone -----	12	118	Sandstone -----	2	930		
Sand; water -----	3	121	Shale -----	6	936		
Sandstone -----	4	125	Sand -----	18	954		
Sand, shale -----	75	200	Shale -----	86	1,040		
Sandstone -----	5	205	Sand -----	15	1,055		
Rock and shale -----	75	280	Shale, sandy -----	15	1,070		
Rock -----	3	283	Limestone -----	65	1,135		
Shale, sticky -----	92	375	Sand and shale -----	55	1,190		
Lime, sandy -----	4	379	Limestone, sandy and shale	125	1,315		
Shale -----	26	405	Chalk (Austin) -----	270	1,585		
Rock -----	3	408	Shale (Eagle Ford) -----	109	1,694		
Shale, boulders -----	174	582	Limestone, (Buda) -----	80	1,774		
Limestone -----	4	586	Clay, Grayson shale, (Del Rio clay) -----	66	1,840		
Shale and boulders, sticky -----	161	747	Limestone (Georgetown) --	67	1,907		
Limestone -----	1	748	Limestone (Edwards) water	57	1,964		
Shale, sticky -----	112	860					
Sand, white -----	68	928					
Well I-5-60							
Owner: Oscar W. Tunder. Driller: Mid-Kansas Oil Co.							
Soil -----	3	3	Sand; oil trace -----	5	367		
Clay -----	11	14	Shale -----	53	420		
Gravel -----	4	18	Rock, hard -----	38	458		
Sand -----	22	40	Shale, sticky -----	112	570		
Sand, yellow -----	25	65	Rock, hard -----	2	572		
Sand, black; water -----	20	85	Shale, boulders -----	419	991		
Shale, sandy -----	16	101	Limestone, hard -----	164	1,155		
Rock -----	5	106	Shale -----	93	1,248		
Shale, blue -----	34	140	Chalk, (Austin) -----	364	1,612		
Limestone, black -----	37	177	Shale, (Eagle Ford) -----	60	1,672		
Limestone -----	40	217	Limestone (Buda) -----	85	1,757		
Shale, sandy -----	45	262	Clay, Grayson shale (Del Rio clay) -----	67	1,824		
Rock, hard -----	1	263	Limestone, (Georgetown)	70	1,894		
Shale -----	89	352	Limestone -----	46	1,940		
Rock, hard -----	6	358	Limestone; water -----	50	1,990		
Shale -----	4	362					

Table 10.-Drillers' logs of wells in Medina County--Continued

Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well I-5-71				
Owner: Lucian Ward. Driller: Grayburg Oil Co.				
Sand rock -----	22	22	Sand, rock -----	2 1,224
Clay, surface -----	8	30	Lime -----	48 1,272
Sand, packed -----	23	53	Clay -----	2 1,274
Sand, packed, boulders --	36	89	Marl, (Taylor), lime ----	101 1,375
Sand, packed -----	95	184	Shale, sandy -----	6 1,381
Shale -----	60	244	Lime -----	12 1,393
Shale, boulders -----	148	392	Shale -----	32 1,425
Rock -----	3	395	Shale and lime -----	31 1,456
Shale, boulders -----	44	439	Lime -----	78 1,534
Shale -----	36	475	Chalk -----	2 1,536
Rock -----	4	479	Lime, soft -----	49 1,585
Shale -----	6	485	Chalk -----	155 1,740
Shale, boulders -----	105	590	Lime, broken -----	36 1,776
Marl, green -----	5	595	Limestone -----	54 1,830
Sand, broken and shale, light; oil show -----	65	660	Lime and shale -----	33 1,863
Shale, hard, boulders ---	60	720	Shale -----	15 1,878
Shale -----	30	750	Shale (Eagle Ford) -----	15 1,893
Clay -----	20	770	Lime -----	46 1,939
Shale -----	23	793	Clay, Grayson shale, (Del Rio clay) -----	100 2,039
Clay -----	25	818	Clay and lime -----	8 2,047
Shale and sand, light, oil show -----	5	823	Limestone (Georgetown) --	63 2,110
Shale, boulders -----	173	996	Lime, brown -----	20 2,130
Clay -----	139	1,135	Lime, broken -----	11 2,141
Shale -----	15	1,150	Lime, brown -----	16 2,157
Clay -----	59	1,209	Lime, cap rock -----	10 2,167
Sand, broken, shale -----	13	1,222	Lime -----	29 2,196
Well I-6-4				
Owner: F. W. Bohmfalk. Driller: Pegg Bros.				
Surface dirt -----	3	3	Shale with soft lime streaks -----	600 641
Caliche and sandy clay --	23	26	Lime, hard -----	61 702
Rock -----	6	32	Shale -----	72 774
Clay -----	6	38		
Rock -----	3	41		
(Continued on next page)				

Table 10.-Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-6-4--continued							
Shale with lime streaks and serpentine -----	54	828	Lime (Buda) -----	70	1,253		
Serpentine -----	12	840	Clay, Grayson shale, (Del Rio clay) -----	69	1,322		
Marl, (Taylor) -----	81	921	Lime, (Georgetown) -----	21	1,343		
Chalk (Austin) -----	220	1,141	Lime, (Edwards) -----	187	1,530		
Shale, (Eagle Ford) -----	42	1,183					
Well I-6-9							
Owner: Emil G. Riff. Driller: M. L. Walker							
Clay -----	65	65	Lime, hard and shale ----	59	604		
Shale, blue, hard -----	115	180	Lime, hard, sandy -----	71	675		
Shale, sandy -----	90	270	Shale, hard -----	75	750		
Rock, hard -----	2	272	Lime, hard -----	4	754		
Shale, blue -----	23	295	Shale, green, sandy -----	11	765		
Shale, blue, sticky -----	10	305	Shale with pyrite -----	10	775		
Shale, blue -----	43	348	Shale, green, sandy -----	4	779		
Lime and shale, hard ----	8	356	Lime, shale, sandy -----	5	784		
Shale, blue, sticky -----	20	376	Rock, hard -----	1	785		
Shale, blue -----	7	383	Shale, sandy -----	50	835		
Shale, blue, sticky -----	11	394	Shale, lime -----	48	883		
Shale, hard fossils -----	42	436	Lime with pyrite -----	32	915		
Shale, sandy -----	24	460	Lime -----	135	1,050		
Shale -----	12	472	Lime with pyrite -----	26	1,076		
Shale, blue, sandy -----	73	545					
Well I-6-10							
Owner: J. M. Saathoff. Driller: R. M. Yantis.							
Soil -----	5	5	Shale, hard -----	5	390		
Sand, clay -----	28	33	Shale, sticky -----	110	500		
Gravel -----	6	39	Shale -----	84	584		
Shale, sticky -----	196	235	Limestone -----	52	636		
Shale, sandy; oil odor --	5	240	Shale and lime -----	14	650		
Shale -----	60	300	Shale, sticky -----	8	658		
Shale, sticky -----	85	385	Shale, sandy -----	12	670		
(Continued on next page)							

Table 10.--Drillers' logs of wells in Medina County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)		
Well I-6-10--continued					
Shale -----	20	690	Lime, hard and soft -----	16	766
Limestone -----	46	736	Clay (Upson) -----	2	768
Lime and serpentine, sandy -----	14	750	Chalk (Austin) -----	34	802
Well I-6-12					
Owner: C. Neuman. Driller: Maxwell & Turner.					
Chalk, (Austin) -----	1,103	1,103	Limestone, (Georgetown) -	49	1,330
Shale (Eagle Ford) -----	24	1,127	Limestone, (Edwards) ----	138	1,468
Limestone (Buda) -----	87	1,214			
Clay, Grayson shale (Del Rio clay) -----	67	1,281			
Well I-6-14					
Owner: L. A. Haby. Driller: H. A. Pagenkoff.					
Caliche and gravel -----	8	8	Shale and sandy shale ---	200	800
Rock -----	20	28	Lime, hard -----	5	805
Clay and sand -----	52	80	Serpentine; dead oil in spot -----	169	974
Shale -----	70	150	Chalk and serpentine ----	227	1,201
Shale; oil show -----	10	160	Lime, very hard -----	10	1,211
Shale, limey -----	160	320	Chalk and serpentine mix- ed; chalk soft mushy --	58	1,269
Sand; oil & shale -----	3	323	Shale, brown -----	1	1,270
Shale -----	247	570			
Lime, sandy, good -----	30	600			
Well I-6-27					
Owner: D. W. Wiemers. Drillers: H. M. Roark, et al.					
Soil -----	15	15	Shale, blue -----	189	272
Gravel; water -----	26	41	Shale, brown, sandy; gas odor -----	20	292
Clay, yellow -----	42	83			
(Continued on next page)					

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-6-27--continued							
Shale, brown and gray sandy oil lenses-very thin sections, sand, light gray -----	58	350	Serpentine, segment -----	22	498		
Sand; water -----	14	364	Serpentine, dark green alternating hard and soft streaks; oil show	151	649		
Shale, hard, sandy -----	9	373	Serpentine, dark-green hard -----	11	660		
Shale, gray -----	37	410	Serpentine, oil in thin section -----	16	676		
Shale, gray, sandy -----	20	430	Serpentine, green, hard -	14	690		
Shale, blue, sticky -----	35	465					
Shale, gray, hard, sandy	11	476					
Well I-6-30							
Owner: J. E. Ulbrich. Driller: Whitfield & Draper.							
Soil -----	2	2	Shale, light, sandy -----	6	375		
Sand, yellow and clay ---	57	59	Shale, green, hard, sandy fossils -----	12	387		
Gravel and sand -----	11	70	Shale, dark-green, hard sandy, fossiliferous --	23	410		
Sand, packed -----	6	76	Shale, hard, sandy -----	52	462		
Shale, blue -----	156	232	Limestone -----	1	463		
Shale, blue, hard -----	5	237	Limestone and shale, hard	15	478		
Shale, sandy; oil show --	6	243	Limestone and shale (Taylor) -----	20	498		
Shale, dark -----	13	256	Limestone, soft -----	1	499		
Shale, dark and sand, lenses -----	10	266	Limestone, hard -----	8	507		
Shale, dark -----	2	268	Limestone, broken -----	2	509		
Shale and sand lenses with fossils; oil show -----	6	274	Rock -----	2	511		
Shale -----	6	280	Lime, hard -----	33	544		
Shale, sand, lime; oil show -----	7	287	Shale, hard, broken -----	11	555		
Shale -----	7	294	Shale, green -----	50	605		
Shale; dark, sticky, sand lenses; oil show -----	7	301	Rock -----	1	606		
Shale, dark gumbo -----	22	323	Shale, brown -----	7	613		
Shale, dark, sandy -----	13	336	Shale, brown, hard -----	3	616		
Shale, dark-green, sandy	19	355	Serpentine -----	1	617		
Shale, light-green sandy	9	364	Serpentine and calcite --	18	635		
Shale, dark-green, sandy	5	369	Serpentine hard and cal- cite -----	578	1,213		

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-6-33							
Owner: W. B. Odem. Driller: R. P. Whitfield.							
Soil -----	29	29	Shale, hard -----	1	560		
Gravel -----	60	89	Shale, sandy; gas show --	4	565		
Clay, yellow -----	11	100	Shale, blue, sandy -----	27	592		
Shale, blue -----	32	132	Rock, brown, hard, sandy	6	598		
Shale, blue, boulders ---	208	340	Shale, green, hard -----	6	604		
Shale, sandy, lime, black			Shale, green and boulders	26	630		
oil show -----	10	350	Sandstone, green, hard --	15	645		
Shale and sand -----	5	355	Rock, hard, broken -----	40	685		
Shale, hard, dry -----	1	356	Shale, dry, sandy -----	22	707		
Shale, sandy -----	6	362	Shale, sticky -----	43	750		
Shale, hard and rock ----	3	365	Shale, brown, hard -----	50	800		
Sand -----	2	367	Chalk (Austin), fossils,				
Shale -----	1	368	oil show -----	317	1,117		
Shale, gumbo -----	8	376	Shale, (Eagle Ford) shale,				
Shale, gumbo and sandy --	5	381	hard -----	70	1,187		
Rock -----	2	383	Limestone (Buda) -----	71	1,258		
Shale, sandy -----	9	392	Clay, Grayson shale, (Del				
Shale, sandy -----	8	400	Rio clay) -----	76	1,334		
Shale, soft sticky -----	75	475	Limestone (Georgetown) --	36	1,370		
Shale, blue, hard -----	15	490	Limestone (Edwards) hard				
Shale, hard, sticky ----	10	500	broken -----	13	1,383		
Shale, blue, sandy -----	60	560	Limestone -----	2	1,385		
			Limestone, hard; sulphur				
			water -----	49	1,434		
Well I-6-35							
Owner: W. B. Odem. Driller: Gates & Hill.							
Surface, gravel -----	5	5	Lime, black -----	3	105		
Lime -----	5	10	Gumbo, black -----	9	114		
Sand -----	8	18	Shale, brown -----	26	140		
Shale, gray -----	5	23	No description -----	7	147		
Clay, yellow -----	9	32	Shale, gray -----	9	156		
Clay, white -----	17	49	Shale, black, sandy -----	24	180		
Clay, brown, sandy -----	26	75	Lime, dark-gray -----	3	183		
Sand; water -----	15	90	Shale, black, sandy -----	7	190		
Shale, black -----	12	102	Clay, gray, sandy -----	3	193		

(Continued on next page)

Table 10.-Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-6-35--continued							
Shale, green, sticky ----	12	205	Shale, gray, soft, sandy	8	393		
Clay, yellow sandy -----	30	235	Lime, gray -----	3	396		
Clay and shale -----	13	248	Sand; water -----	14	410		
Shale, black and lignite	10	258	Shale, blue -----	11	421		
Gumbo, white -----	12	270	Shale, blue, sandy ----	7	428		
Shale, green -----	18	288	Shale, blue -----	2	430		
Rock, sandy -----	2	290	Lime, dark-gray -----	2	432		
Shale, sandy -----	4	294	Shale, sandy -----	8	440		
Lime, glauconite -----	8	302	Shale, black -----	15	455		
Shale, sandy -----	47	349	Lime gray -----	2	457		
Marl, sandy -----	20	369	Gumbo -----	8	465		
Lime, white -----	16	385					

Well I-6-36

Owner: A. L. Haegelin. Driller: Medina Oil Co.

Surface soil -----	10	10	Sand and gravel -----	3	1,273		
Clay -----	28	38	Limestone (Anacacho) ----	19	1,292		
Rock -----	4	42	Shale, blue -----	5	1,297		
Gravel; water -----	10	52	Unknown formation -----	297	1,594		
Gumbo, boulders -----	184	236	Shale, gray -----	16	1,610		
Gumbo with sand -----	173	409	Shale, (Eagle Ford) ----	35	1,645		
Gumbo with shale -----	251	660	Lime, (Buda) -----	78	1,723		
Gumbo, sandy -----	30	690	Clay, Grayson shale (Del				
Shale, sandy -----	15	705	Rio clay) -----	77	1,800		
Gumbo -----	255	960	Limestone, (Georgetown)				
Shale, blue -----	13	973	with sulphur water ----	37	1,837		
Gumbo -----	66	1,039	Lime, sandy (Georgetown)				
Limestone (Anacacho) ----	53	1,092	with possible water ---	24	1,861		
Salt water; gas show ----	5	1,097	Limestone (Edwards);				
Shale and azurite blue --	6	1,103	flows fresh water -----	12	1,873		
Limestone, (Anacacho) ---	59	1,162	Limestone (Edwards);				
Gumbo -----	38	1,200	water, oil and gas show	33	1,906		
Limestone (Anacacho) ----	18	1,218	Limestone (Edwards) ----	44	1,950		
Lime, sandy -----	12	1,230					
Clay, hard blue sandy							
streaks -----	40	1,270					

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-6-44							
Owner: J. M. Fusselman. Driller: Kirby Petroleum Co.							
Clay, sticky -----	35	35	Shale, hard, gumbo -----	20	1,320		
Clay and gravel -----	25	60	Chalk -----	10	1,330		
Shale and rock, hard streaks -----	40	100	Lime conglomerate with multi-colored rocks in 8 feet core -----	15	1,345		
Flint boulders, dark ----	10	110	Chalk, gumbo shale-blue	20	1,365		
Sandstone, hard flint, pyrite -----	8	118	Chalk, dark -----	35	1,400		
Shale -----	2	120	Chalk, rock -----	120	1,520		
Flint hard -----	1	121	Chalk, and shale, streaks	75	1,595		
Shale, gravel, sandy streaks -----	39	160	Chalk, hard -----	65	1,660		
Sand -----	2	162	Chalk -----	5	1,665		
Sandstone, hard -----	39	201	Shale, (Eagle Ford), streaks of limestone	9	1,674		
Sand, hard -----	3	204	Shale, (Eagle Ford) -----	16	1,690		
Sand, green, boulders ---	26	230	Limestone, (Buda) -----	70	1,760		
Sandy rock, green, streaks	50	280	Clay, Grayson shale (Del Rio clay) -----	50	1,810		
Shale, sandy, streaks rock, oil show -----	55	335	Limestone, (Georgetown) -	20	1,830		
Sand, hard, streaks -----	32	367	Limestone, hard -----	24	1,854		
Sandstone; rock, hard ---	5	372	Lime, with gumbo streaks	8	1,862		
Gumbo, shale -----	50	422	Limestone, (Dobey) -----	8	1,870		
Sandstone -----	16	438	Lime, hard, broken, streaks	14	1,884		
Shale, gumbo -----	618	1,056	Chert, very hard -----	1	1,885		
Shale, sandy, fossils, gumbo -----	44	1,100	Lime, hard and soft streaks	15	1,900		
Shale, hard, gumbo -----	5	1,105	Chert, hard -----	1	1,901		
Shale, hard, streaks (Anacacho) -----	45	1,150	Lime, broken, chert, streaks -----	15	1,916		
Limestone, (Anacacho), hard -----	30	1,180	Lime, soft and hard, broken streaks -----	24	1,940		
Lime and limestone -----	120	1,300	Lime, hard, broken -----	10	1,950		
Well I-6-48							
Owner: J. M. Fusselman. Driller: V. F. Neuhaus.							
Clay -----	20	20	Rock, broken -----	45	100		
Clay and gravel -----	20	40	Shale, rock -----	35	135		
Clay, sandy -----	15	55	Shale, sandy -----	22	157		

(Continued on next page)

Table 10.- Drillers; logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-6-48--continued							
Rock -----	1	158	Shale, sandy, tough				
Shale -----	4	162	fossiliferous -----	65	965		
Shale, hard, sandy -----	8	170	Shale, hard streaks -----	37	1,002		
Gumbo -----	10	180	Limestone (Anacacho) -----	18	1,020		
Shale -----	75	255	Lime, shaly gumbo -----	32	1,052		
Sandstone, hard -----	5	260	Limestone (Anacacho) -----	28	1,080		
Shale, sandy; oil show --	10	270	Lime, soft, sandy, gas				
Sandstone, hard -----	11	281	show -----	8	1,088		
Gumbo, shale -----	69	350	Lime, hard-soft, streaks	12	1,100		
Shale -----	10	360	Lime, hard-soft streaks -	15	1,115		
Rock -----	2	362	Lime, hard, shaley, gumbo	27	1,142		
Sand and shale streaks			Shale, gumbo -----	48	1,190		
oil show -----	18	380	Shale, hard, chalky -----	20	1,210		
Gumbo shale -----	132	512	Conglomerate, fine -----	10	1,220		
Rock -----	1	513	Chalk, flinty -----	27	1,247		
Gumbo, shale -----	100	613	Chalk, rock -----	143	1,390		
Rock -----	2	615	Chalk, shaley -----	20	1,410		
Shale, gumbo and sand			Chalk, rock -----	100	1,510		
streaks; oil -----	88	703	Shale, (Eagle Ford) hard				
Shale, sandy, oil show --	50	753	lime streaks -----	50	1,560		
Rock, hard stick -----	3	756	Limestone (Buda) -----	70	1,630		
Shale, sandy, oil show --	2	758	Clay, Grayson shale (Del				
Gumbo shale -----	27	785	Rio clay) sand streaks	57	1,687		
Gumbo, hard, tough -----	20	805	Limestone (Georgetown)				
Sand; oil show -----	4	809	oil show -----	67	1,754		
Shale, sandy; oil show --	41	850	Lime, broken (Dobey) -----	2	1,756		
Gumbo, hard tough -----	15	865	Limestone (Edwards) soft,				
Shale, sandy -----	25	890	streaks; water -----	58	1,814		
Gumbo, hard tough -----	10	900					
Well I-6-51							
Owner: A. A. Murrell. Driller: L. V. Doss.							
Loam, sandy and clay,			Sand, dry -----	5	80		
brown -----	20	20	Shale, blue -----	14	94		
Marl, yellow -----	10	30	Sand, hard and dry -----	6	100		
Caliche and gravel; water	24	54	Shale, blue -----	1	101		
Shale, blue -----	11	65					
Shale, blue, sandy -----	10	75					

Table 10.-Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-6-53							
Owner: William Mann. Driller: Elstone Oil Co.							
Caliche -----	30	30	Rock, gray lime -----	128	1,031		
Gravel; water -----	17	47	Shale, gray -----	10	1,041		
Shale -----	3	50	Marl, green -----	9	1,050		
Rock -----	6	56	Shale, gray -----	74	1,124		
Sand; water -----	14	70	Lime -----	271	1,395		
Shale, blue -----	255	325	Shale, (Eagle Ford) -----	45	1,440		
Shale gray -----	140	465	Limestone (Buda) -----	85	1,525		
Sand, gray -----	105	570	Clay, Grayson shale (Del				
Shale, blue, hard -----	195	765	Rio clay) -----	60	1,585		
Shale, gray, sandy -----	111	876	Limestone (Georgetown) --	90	1,675		
Clay, hard -----	27	903	Limestone (Edwards) -----	7	1,682		
Well I-6-59							
Owner: J. O. Redus. Driller: Witherspoon Oil Co.							
Sand and gravel -----	66	66	Shale and boulders -----	42	497		
Rock -----	3	69	Rock -----	1	498		
Sand and boulders -----	35	104	Shale and boulders -----	59	557		
Sand, packed -----	2	106	Sand rock -----	5	562		
Shale and boulders -----	22	128	Shale, boulders -----	23	585		
Rock -----	3	131	Rock -----	1	586		
Sand, hard, boulders -----	24	155	Shale, boulders -----	20	606		
Rock -----	17	172	Gumbo -----	25	631		
Sand; water -----	35	207	Shale, boulders -----	129	760		
Shale -----	3	210	Gumbo -----	20	780		
Rock -----	4	214	Shale, boulders -----	15	795		
Sand and boulders -----	19	233	Gumbo -----	18	813		
Rock -----	5	238	Rock -----	1	814		
Gumbo -----	20	258	Shale, boulders -----	11	825		
Rock -----	9	267	Gumbo -----	85	910		
Shale and boulders -----	45	312	Shale -----	54	964		
Rock -----	1	313	Rock -----	1	965		
Sand, soft -----	42	355	Gumbo -----	19	984		
Gumbo -----	40	395	Shale, boulders -----	60	1,044		
Rock -----	1	396	Gumbo -----	15	1,059		
Shale -----	8	404	Shale, sandy -----	25	1,084		
Gumbo -----	22	426	Rock -----	1	1,085		
Rock -----	7	433	Sand -----	10	1,095		
Shale -----	21	454	Shale, sandy -----	40	1,135		
Rock -----	1	455	Rock -----	3	1,138		

(Continued on next page)

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-6-59--continued							
Shale, rock -----	32	1,170	Gumbo, shale -----	20	1,980		
Rock -----	2	1,172	Limestone, hard -----	8	1,988		
Shale, sandy -----	28	1,200	Lime, broken -----	2	1,990		
Gumbo -----	90	1,290	Limestone, hard -----	39	2,029		
Gumbo, shale -----	12	1,302	Lime, broken -----	40	2,069		
Gumbo -----	60	1,362	Lime -----	46	2,115		
Shale, gumbo with sand streaks -----	8	1,370	Clay, Grayson shale (Del Rio clay) -----	65	2,180		
Gumbo -----	56	1,426	Limestone, (Georgetown) -	55	2,235		
Lime (Anacacho) with shale and sand -----	12	1,438	Lime -----	14	2,249		
Gumbo, chalk -----	22	1,460	Lime, soft -----	1	2,250		
Chalk rock -----	5	1,465	Lime -----	8	2,258		
Chalk, rock, hard -----	17	1,482	Limestone with flint ----	4	2,262		
Chalk rock -----	4	1,486	Sand, soft with limestone streaks; gas show -----	15	2,277		
Chalk rock, hard -----	28	1,514	Sandstone and lime, hard	5	2,282		
Lime rock, hard -----	7	1,521	Lime, hard, porous and sand; oil show -----	2	2,284		
Limestone -----	8	1,529	Shell, hard, porous and sand -----	2	2,286		
Chalk rock, hard -----	3	1,532	Lime hard -----	2	2,288		
Limestone, hard -----	8	1,540	Sand, broken with lime hard, streaks -----	21	2,309		
Chalk, rock hard -----	10	1,550	Limestone (Edwards) hard and dry -----	34	2,343		
Limestone, hard -----	15	1,565					
Chalk, rock -----	2	1,567					
Chalk rock, hard -----	14	1,581					
Shale, hard -----	11	1,592					
Gumbo and shale -----	3	1,595					
Shale, gumbo chalky -----	95	1,690					
Shale rock -----	270	1,960					
Well I-6-66							
Owner: F. B. Forrest. Driller: Letro Oil Corp.							
Soil -----	5	5	Shale, green, sandy -----	4	192		
Shale, yellow -----	14	19	Sandstone -----	3	195		
Shale, blue -----	46	65	Shale, sandy -----	147	342		
Sand; water -----	3	68	Sand, streak -----	1	343		
Shale, sandy -----	11.7	185	Shale, sandy -----	46	389		
Sandstone -----	1	186	Sandstone -----	2	391		
Sand; water -----	2	188	Shale, sandy -----	37	428		
(Continued on next page)							

Table 10.--Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-6-66--continued							
Sandstone -----	2	430	Shale, sandy -----	44	572		
Sand; water -----	2	432	Sandstone -----	1	573		
Shale, sandy -----	6	438	Shale, sandy -----	27	600		
Sandstone -----	2	440	Sandstone -----	2	602		
Shale, sandy -----	30	470	Shale, sandy -----	149	751		
Rock -----	1	471	Limestone -----	1	752		
Sand; water -----	1	472	Shale, hard, sandy -----	203	955		
Shale, sandy -----	26	498	Limestone and shale -----	35	990		
Sandstone -----	2	500	Sand; oil show -----	25	1,015		
Shale, sandy -----	26	526	Shale -----	5	1,020		
Sand; oil and gas show --	2	528					
Well I-6-89							
Owner: Fritz Senne. Driller: A. D. Gaston.							
Soil -----	7	7	Shale; sandy; oil show --	51	851		
Sand, hard -----	33	40	Sandstone -----	6	857		
Shale -----	35	75	Sand; good oil show -----	2	859		
Sandstone -----	30	105	Shale, sandy; oil show --	10	869		
Shale -----	40	145	Sand, tight; oil show ---	5	874		
Sandstone -----	22	167	Shale, sandy; oil show --	9	883		
Shale -----	30	197	Shale, hard -----	18	901		
Sandstone -----	118	315	Shale, sandy; oil show --	9	910		
Shale, sticky -----	35	350	Sand streaks with shale -	12	922		
Sand; oil show -----	17	367	Shale, sandy, oil show --	14	936		
Shale, sandy -----	8	375	Sandstone -----	14	950		
Shale, sticky -----	225	600	Shale, sticky -----	25	975		
Shale and boulders -----	180	780					
Shale with limestone stringers -----	20	800					
Well I-6-92							
Owner: Albert Hoffman. Driller: Ina Oil Co.							
Surface -----	4	4	Sand, hard and tight ----	10	40		
Soil -----	11	15	Shale, sandy -----	20	60		
Clay -----	15	30	Sandstone -----	1	61		
(Continued on next page)							

Table 10.-Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-6-92--continued							
Shale, brown -----	33	94	Gumbo -----	16	600		
Sandstone -----	2	96	Shale -----	100	700		
Shale, blue -----	44	140	Shale, limey -----	128	828		
Rock -----	2	142	Sand, gray -----	27	855		
Shale, sandy -----	18	160	Shale, hard, sandy -----	12	867		
Sand; gas -----	5	165	Shale, gray, sticky -----	33	900		
Shale -----	15	180	Gumbo, tough -----	50	950		
Sandstone -----	5	185	Shale, gray sandy -----	55	1,005		
Shale and boulders -----	75	260	Shale, hard, sandy -----	57	1,062		
Sandstone -----	10	270	Shale, gray, with lime				
Shale, hard -----	30	300	streaks -----	161	1,223		
Rock -----	7	307	Limestone, (Anacacho)				
Shale, limey -----	11	318	gray -----	105	1,328		
Rock, hard -----	2	320	Chalk, white soft -----	260	1,588		
Shale, sandy -----	24	344	Chalk (Austin) -----	50	1,638		
Sand; oil show -----	6	350	Shale, (Eagle Ford) -----	55	1,693		
Sandstone -----	1	351	Limestone (Buda) -----	77	1,770		
Salt water -----	9	360	Clay, Grayson shale (Del				
Shale, hard, sandy -----	22	382	Rio clay) -----	60	1,830		
Rock, hard -----	1	383	Limestone, (Georgetown) -	82	1,912		
Shale -----	201	584	Limestone, (Edwards) -----	114	2,026		
Well I-6-105							
Owner: J. McAnelley. Driller: R. E. Fair, Inc.							
Soil, clay and silt -----	81	81	Sand -----	18	810		
Gravel and sand -----	39	120	Shale with hard layers of				
Sandstone -----	62	182	sandstone -----	85	895		
Sandstone with pyrite ---	7	189	Sand -----	2	897		
Sandstone, hard -----	42	231	Shale, sandy, hard -----	13	910		
Shale with sand layers --	118	349	Sand -----	14	924		
Sand, hard -----	26	375	Shale -----	241	1,165		
Limestone -----	5	380	Shale, sandy -----	49	1,214		
Sand, gas show -----	31	411	Limestone and shale -----	10	1,224		
Sand with shale streaks -	16	427	Shale, sandy, hard -----	30	1,254		
Sand and shale -----	180	607	Lime, sandy -----	8	1,262		
Sand, with shale, hard --	113	720	Sand and lime -----	40	1,302		
Shale, sandy -----	72	792					
(Continued on next page)							

Table 10.--Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-6-105--continued							
Shale, sandy, hard lime streaks -----	89	1,391	Limestone, shaley -----	9	3,010		
Shale, sandy -----	69	1,460	Siltstone, hard, fine- grained -----	15	3,025		
Limestone -----	35	1,495	Limestone, porous -----	10	3,035		
Shale -----	45	1,540	Limestone, hard, sandy --	15	3,050		
Shale and Limestone -----	51	1,591	Shale and limestone -----	21	3,071		
Chalk -----	111	1,702	Siltstone, hard -----	10	3,081		
Shale -----	50	1,752	Limestone, shale -----	27	3,108		
Chalk and shale -----	38	1,790	Siltstone, hard, shaley -	15	2,123		
Shale -----	5	1,795	Limestone, hard, sandy --	33	3,156		
Limestone (Buda) -----	99	1,894	Shale and limestone -----	41	3,197		
Clay, Grayson shale, (Del Rio clay) -----	53	1,947	Siltstone, hard and lime- stone -----	10	3,207		
Limestone (Georgetown) --	61	2,008	Limestone, shaley -----	33	3,240		
Lime and clay (Dobie) ---	3	2,011	Limestone and shale -----	70	3,310		
Limestone, (Edwards) ----	14	2,025	Limestone, white, porous	25	3,335		
Lime and clay -----	3	2,028	Limestone, soft -----	78	3,413		
Limestone, very hard, flint -----	31	2,059	Limestone, gray, hard ---	150	3,563		
Limestone, shaley -----	8	2,067	Limestone, hard and black shale -----	22	3,585		
Limestone, hard, gray to black flint -----	24	2,091	Limestone, shaley -----	18	3,603		
Limestone, brown, shaley	10	2,101	Limestone, alternating with shaley limestone -	278	3,881		
Clay -----	12	2,113	Shale, black, very hard -	10	3,891		
Limestone, gray, hard porous -----	14	2,127	Limestone, gray, hard slightly porous -----	114	4,005		
Limestone, hard, gray ---	32	2,159	Sandstone, dark, fine- grained, hard, slight				
Limestone with clay -----	10	2,169	sulphur odor -----	6	4,011		
Limestone, gray, hard ---	22	2,191	Limestone, sandy hard ---	23	4,034		
Limestone, hard -----	107	2,298	Limestone, shaley -----	62	4,096		
Limestone, dark, hard porous streaks -----	58	2,356	Shale, black, thin layers of limestone -----	48	4,144		
Limestone, gray, hard ---	253	2,609	Limestone, hard, sandy --	42	4,186		
Limestone, sandy, hard, dark -----	182	2,791	Shale, sandy -----	15	4,201		
Shale, hard, sandy -----	5	2,796	Limestone, sandy -----	53	4,254		
Limestone, gray, sandy, hard -----	73	2,869	Sandstone, fine-grained -	10	4,264		
Limestone, (Glen Rose) alternating layers of limestone and shale ---	127	2,996	Limestone, sandy -----	22	4,286		
Shale -----	5	3,001	Shale, sandy -----	22	4,308		
			Anhydrite and sandy lime- stone -----	32	4,340		
			Limestone, sandy -----	90	4,430		

(Continued on next page)

Table 10.-Drillers' logs of wells in Medina County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)		
Well I-6-105--continued					
Limestone, shaley -----	22	4,452	Shale -----	22	5,139
Limestone, sandy and anhydrite -----	96	4,548	Sandstone, red and gravel	2	5,142
Limestone and shale -----	61	4,609	Sandstone and shale -----	12	5,153
Sandstone, white, fine- grained -----	1	4,610	Gravel and sand -----	12	5,165
Shale, brown, sandy -----	80	4,690	Shale, sandy -----	12	5,177
Shale, red, hard, sandy -	30	4,720	Gravel and sand -----	51	5,228
Conglomerate and shale --	3	4,723	Shale, red -----	6	5,234
Shale, red, hard -----	15	4,738	Sandstone, red -----	2	5,236
Sandstone, gray to red fine-grained -----	15	4,753	Shale, sandy -----	31	5,267
Shale, sandy -----	39	4,792	Sandstone, red -----	18	5,285
Sandstone, brown, hard --	46	4,838	Shale, sandy -----	10	5,295
Shale, sandy -----	22	4,860	Gravel and red sand -----	38	5,333
Limestone, sandy -----	23	4,883	Shale, sandy -----	11	5,344
Shale, sandy, red -----	17	4,900	Sand, red, quartz -----	9	5,353
Sandstone, red, thin streaks of shale -----	65	4,965	Shale, sandy -----	9	5,362
Sandstone, red some gravel	76	5,041	Gravel and sandy shale --	8	5,370
Shale, sandy -----	11	5,052	Sandstone, red -----	25	5,395
Sandstone, red -----	63	5,115	Conglomerate, hard and red and black shale (Pennsylvanian)-----	32	5,427
Sandstone and gravel ----	2	5,117	Shale, black, hard lignite with streaks of anhydrite -----	88	5,515
Well I-6-106					
Owner: Hartley Howard. Driller: Pegg Bros.					
Sand and clay -----	18	18	Shale and sand, green ---	110	380
Caliche and gravel -----	12	30	Shale -----	85	465
Shale and lignite -----	125	155	Shale and lime streaks --	81	546
Sandstone -----	3	158	Shale; oil trace -----	2	548
Shale -----	22	180	Shale -----	472	1,020
Sand; water -----	10	190	Shale, hard -----	20	1,040
Lignite -----	10	200	Shale -----	10	1,050
Shale -----	40	240	Sand, oil stained -----	2	1,052
Rock -----	4	244	Sand, hard -----	3	1,055
Sand; water -----	26	270	Sand, white -----	11	1,066

Table 10.-Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-6-107							
Owner: C. Adams. Driller: Carl and Flinders.							
Soil -----	5	5	Shale, green sandy -----	14	190		
Clay, brown -----	25	30	Shale, blue -----	30	220		
Clay, yellow -----	5	35	Shale, hard -----	2	222		
Sand, river -----	10	45	Shale, blue, sandy -----	15	237		
Gravel -----	5	50	Shale, green -----	1	238		
Shale, brown -----	18	68	Shale, gray -----	4	242		
Shale, gray, sandy -----	27	95	Shale, hard -----	5	247		
Rock -----	1	96	Shale, black -----	3	250		
Shale, sandy -----	1	97	Shale, hard -----	5	255		
Sand -----	3	100	Shale, blue sandy -----	15	270		
Rock -----	1	101	Shale with hard streaks -	23	293		
Sand -----	5	106	Sand, green -----	2	295		
Limestone -----	3	109	Shale, gray, sandy -----	5	300		
Sand; water -----	22	131	Sand, gray -----	8	308		
Sandstone -----	32	163	Shale, gray, sandy -----	14	322		
Shale, blue -----	7	170	Shale, sandy; oil show --	13	335		
Rock -----	1	171	Sand; water -----	5	340		
Shale, blue sandy -----	3	174	Shale, gray, sandy -----	25	365		
Shale, rock -----	2	176					
Well I-6-109							
Owner: Carlton Adams, Jr. Driller: L. V. Doss.							
Surface -----	2	2	Sand, gray -----	38	56		
Rock, Schist -----	1	3	Rock, Schist -----	2	58		
Clay, red -----	2	5	Sand, red heaving -----	45	103		
Rock, Schist -----	3	8	Rock, hard, Schist -----	11	114		
Clay, red and gray -----	7	15	Gravel, rock -----	6	120		
Rock, Schist -----	1	16	Sand, gray; water -----	18	138		
Clay, gray -----	2	18					

Table 10. Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-6-110							
Owner: - Schmidt. Driller: E. H. Keater.							
Soil -----	6	6	Shale, sandy; oil odor --	72	1,422		
Clay and sand -----	29	35	Lime, hard with sand				
Gravel -----	6	41	streaks -----	8	1,430		
Shale -----	72	113	Lime, hard with sand				
Clay, shale and sand,			brown streaks -----	77	1,507		
hard -----	157	270	Shale with lime, streaks	109	1,616		
Shale -----	15	285	Lime and sand -----	5	1,621		
Sand and shale -----	4	289	Lime and shale, sandy ---	9	1,630		
Sand -----	11	300	Lime -----	9	1,639		
Shale, sandy -----	24	324	Lime and shale, sandy ---	7	1,646		
Shale, sandy with hard			Chalk -----	9	1,655		
streaks -----	151	475	Lime, streaks -----	14	1,669		
Shale with hard sandy ---	81	556	Lime with lime and shale				
Shale -----	10	566	streaks -----	8	1,677		
Shale, rock, hard -----	4	570	Shale with lime streaks	10	1,687		
Shale, sandy -----	2	572	Lime -----	14	1,701		
Sand -----	5	577	Chalk and shale streaks -	79	1,780		
Shale, sandy -----	1	578	Chalk -----	40	1,820		
Shale, hard streaks,			Shale, hard with lime				
sandy -----	87	665	streaks -----	78	1,898		
Shale, hard streaks	225	890	Lime -----	58	1,956		
Shale, sandy -----	130	1,020	Shale -----	9	1,965		
Shale with hard sand			Lime -----	19	1,984		
streaks -----	330	1,350	Lime, hard -----	32	2,016		
Well I-6-111							
Owner: Carlton Adams, Jr. Driller: L. V. Doss.							
Gravel; water -----	59	59	Sand, gray; water -----	148	256		
Sand; water -----	49	108					
Well I-6-112							
Owner: Mame M. Adams. Driller: Mirando Gas Co.							
Surface soil -----	2	2	Sand, yellow -----	5	15		
Clay with gravel and			Clay, yellow, sandy -----	10	25		
flint -----	5	7	Sand, yellow, hard -----	33	58		
Rock, hard -----	3	10	Clay, yellow, sandy -----	7	65		

(Continued on next page)

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-6-112--continued							
Sand, gray -----	24	89	Sand -----	4	220		
Shale and lignite, brown	1	90	Sand and clay -----	60	280		
Rock, hard -----	1	91	Rock -----	5	285		
Shale and lignite, brown	3	94	Sand and clay -----	65	350		
Rock -----	1	95	Rock -----	10	360		
Shale; lignite, brown ---	10	105	Clay -----	10	370		
Rock -----	1	106	Shale -----	30	400		
Shale and lignite brown -	3	109	Rock -----	6	406		
Rock -----	2	111	Shale, hard -----	44	450		
Lignite, brown -----	3	114	Rock -----	3	453		
Rock -----	1	115	Shale -----	35	488		
Lignite, brown, tough ---	4	119	Rock -----	14	502		
Rock, hard -----	2	121	Shale and boulders -----	228	730		
Shale and lignite, tough	9	130	Shale, hard -----	50	780		
Rock -----	5	135	Gumbo -----	20	800		
Lignite, tough -----	7	142	Shale and boulders -----	50	850		
Rock -----	2	144	Shale, sticky -----	57	907		
Shale; lignite, tough ---	6	150	Shale, hard sticky -----	21	928		
Rock -----	2	152	Shale, sticky -----	10	938		
Sand and clay -----	60	212	Shale -----	62	1,000		
Rock -----	4	216	Sand; gas -----	14	1,014		
Well I-6-116							
Owner: Mame M. Adams. Driller: Southern Gas Utility, Inc.							
Clay and gravel -----	17	17	Shale -----	37	430		
Sandstone -----	3	20	Rock -----	3	433		
Clay and gravel -----	10	30	Rock and sand, hard -----	17	450		
Rock -----	4	34	Shale, hard -----	50	500		
Clay and gravel -----	6	40	Rock -----	3	503		
Sand, white -----	110	150	Gumbo -----	12	515		
Rock -----	3	153	Shale, sandy; gas show --	55	570		
Shale -----	22	175	Shale, hard -----	30	600		
Gumbo -----	5	180	Gumbo -----	18	618		
Shale -----	10	190	Rock -----	5	623		
Rock -----	6	196	Shale, hard -----	57	680		
Shale -----	84	280	Shale; gas show -----	10	690		
Rock -----	4	284	Shale -----	20	710		
Sandstone and sandy, packed -----	8	292	Gumbo -----	10	720		
Shale, hard -----	36	328	Shale -----	140	860		
Shale -----	12	340	Gumbo -----	10	870		
Rock -----	4	344	Shale, hard -----	35	905		
Shale -----	36	380	Shale -----	31	936		
Rock -----	13	393	Sand; gas show -----	8	944		

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-6-117							
Owner: Mame M. Adams. Driller: Southern Gas Utility, Inc.							
Clay -----	15	15	Shale and sandstone -----	27	447		
Gravel -----	2	17	Shale, soft -----	3	450		
Sand -----	72	89	Limestone -----	1	451		
Shells -----	12	101	Shale, sticky -----	40	491		
Sand, black -----	58	159	Limestone -----	1	492		
Sandstone with pyrite ---	3	162	Shale -----	8	500		
Shells -----	2	164	Limestone -----	2	502		
Sandstone -----	1	165	Shale -----	78	580		
Sand, blue -----	45	210	Limestone -----	3	583		
Shale, blue -----	20	230	Shale, sandy -----	20	603		
Sand -----	54	284	Shale, hard -----	42	645		
Sandstone -----	1	285	Shale, blue -----	3	648		
Shale, blue -----	3	288	Limestone, hard -----	3	651		
Sandstone, hard -----	6	294	Shale -----	17	668		
Shale -----	16	310	Shale, hard -----	10	678		
Limestone and gypsum, hard	3	313	Shale, sandy -----	24	702		
Shale -----	17	330	Shale, hard -----	28	730		
Shale, hard -----	2	332	Sand, hard -----	12	742		
Rock -----	1	333	Shale, hard -----	12	754		
Limestone -----	14	347	Sandstone -----	1	755		
Shale -----	13	360	Shale, hard -----	20	775		
Shale and lime -----	12	372	Lime -----	1	776		
Shale, hard -----	6	378	Shale, gummy -----	54	830		
Limestone -----	1	379	Shale, hard -----	10	840		
Shale, sandy -----	11	390	Lime -----	1	841		
Limestone -----	1	391	Shale -----	21	862		
Shale; gas show -----	4	395	Lime -----	1	863		
Limestone -----	2	397	Shale, hard -----	41	904		
Shale, hard -----	13	410	Shale -----	28	932		
Limestone -----	2	412	Sand; gas -----	12	944		
Shale -----	8	420					
Well I-6-118							
Owner: Mame M. Adams. Driller: Southern Gas Utility, Inc.							
Soil -----	6	6	Sand, yellow -----	34	64		
Sand -----	8	14	Sandstone -----	1	65		
Gravel -----	5	19	Sand, yellow -----	36	101		
Clay, yellow -----	11	30	Sandstone -----	3	104		

(Continued on next page)

Table 10.- Drillers' logs of wells in Medina County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well I-6-118--continued					
Sand, blue; water -----	30	134	Shale and boulders -----	36	406
Sandstone -----	1	135	Rock -----	2	408
Shale, dark-green-----	5	140	Shale -----	10	418
Sand; water -----	43	183	Shale and boulders -----	54	472
Sandstone -----	3	186	Shale, sticky -----	33	505
Sandstone, hard -----	14	200	Shale, sandy -----	19	524
Sandstone -----	3	203	Sandstone -----	2	526
Sand, pack -----	10	213	Shale, sticky -----	32	558
Shale, sandy -----	40	253	Shale, hard -----	22	580
Sandstone -----	3	256	Shale, sandy -----	15	595
Shale -----	5	261	Shale, hard -----	23	618
Sandstone -----	3	264	Shale, gummy -----	30	648
Shale, loose -----	8	272	Shale and boulders -----	41	689
Shale, hard -----	26	298	Shale, hard -----	14	703
Sandstone -----	1	299	Shale and boulders -----	20	723
Shale and boulders -----	15	314	Sandstone -----	2	725
Sandstone -----	2	316	Shale -----	18	743
Shale and boulders -----	16	332	Rock -----	2	745
Rock -----	2	334	Shale and boulders -----	15	760
Shale and boulders -----	10	344	Sand; gas -----	3	763
Sand, hard; gas show ----	5	349	Shale, gummy -----	65	828
Shale -----	13	362	Gas show good -----	2	830
Rock -----	2	364	Shale, streaks -----	76	906
Shale and boulders -----	5	369	Cap rock -----	1	907
Rock -----	1	370	Sand; gas -----	3	910
Well I-6-123					
Owner: Gilbert Falbo. Driller: L. V. Doss					
Clay, brown, sandy -----	6	6	Sand, gray; water -----	20	155
Clay, yellow, gray, sandy with sandstone breaks -	12	18	Sandstone, gray -----	3	158
Clay, less sandy with multicolored breaks ---	42	60	Sand, gray; water -----	49	207
Gumbo, black with pyrite	10	70	Sandstone -----	2	209
Clay, brown, sandy with sandstone breaks -----	25	95	Sand, gray; water -----	32	241
Shale, gray, sandy with lignite -----	40	135	Shale, black, with lignite and limestone -	8	249
			Sandstone -----	2	251

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-8-3							
Owner: L. O. Carle. Driller: Plateau Oil Co.							
Sand and surface clay ---	25	25	Gumbo and shale -----	22	1,033		
Gravel -----	45	70	Gumbo -----	44	1,077		
Lignite -----	15	85	Limestone, (Anacacho) ---	229	1,306		
Shale and gumbo -----	50	135	Clay (Upson) -----	57	1,363		
Shale, blue -----	9	144	Rock -----	4	1,367		
Shale with flint -----	21	165	Gumbo and rock -----	8	1,375		
Shale and sand, tight ---	13	178	Gypsum -----	14	1,389		
Rock -----	5	183	Gypsum and gumbo -----	15	1,404		
Shale -----	6	189	Chalk and shale -----	40	1,444		
Gumbo -----	31	220	Soapstone -----	4	1,448		
Gumbo and shale -----	8	228	Chalk -----	15	1,463		
Rock, brown -----	7	235	Chalk, hard -----	44	1,507		
Gumbo -----	9	244	Chalk, hard and shale ---	51	1,558		
Sand; water -----	34	278	Chalk, hard -----	62	1,620		
Sand and gumbo -----	11	289	Shale, (Eagle Ford), hard	67	1,687		
Shale and gumbo -----	14	303	Limestone, (Buda) -----	30	1,717		
Shale and gum -----	19	322	Lime and shale -----	41	1,758		
Gumbo and shale -----	21	343	Shale -----	7	1,765		
Gumbo, shale and boulders	42	385	Lime and shale, streaks -	4	1,769		
Sandstone -----	5	390	Shale -----	13	1,782		
Gumbo, shale and boulders	30	420	Lime; oil trace -----	8	1,790		
Gumbo and boulders -----	22	442	Shale -----	9	1,799		
Gumbo, shale and boulders	151	593	Lime and shale -----	40	1,839		
Gumbo, shale; oil show --	110	703	Limestone, (Buda) -----	26	1,865		
Gumbo and shale -----	22	725	Lime -----	48	1,913		
Gumbo -----	66	791	Lime and shale -----	40	1,953		
Gumbo, shale and boulders	44	835	Clay -----	48	2,001		
Gumbo -----	66	901	Limestone (Georgetown) --	5	2,006		
Gumbo and shale -----	65	966	Lime (Georgetown) -----	44	2,050		
Gumbo -----	45	1,011	Limestone (Edwards) -----	114	2,164		
Well I-8-27							
Owner: E. E. Wilson. Driller: Robertson Drilling Co.							
Sand, (Wilcox), shale and boulders -----	500	500	Sand, shale; gas show ---	230	1,605		
Shale, boulders -----	325	825	Marl, (Taylor); gas show	545	2,150		
Sand, shale and lime sandy -----	550	1,375	Shale -----	82	2,232		
			Chalk, (Austin); oil and gas show, shale, blue -	522	2,754		
(Continued on next page)							

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-8-27--continued							
Shale, (Eagle Ford) -----	48	2,802	Limestone, (Georgetown) -	80	3,082		
Shale, black -----	38	2,840	Doby, white soft -----	13	3,095		
Limestone, (Buda) -----	94	2,934	Limestone (Edwards); sul-				
Clay, Grayson shale, (Del			phur water -----	5	3,100		
Rio clay) -----	68	3,002	Limestone (Edwards) -----	26	3,126		
Well I-8-30							
Owner: Sallie B. Little. Driller: United North & South Development Co.							
Sand and gravel -----	255	255	Limey, shale -----	480	1,780		
Sand, rock -----	5	260	Shale, sandy; oil show --	4	1,784		
Sand -----	47	307	Shale, sandy -----	86	1,870		
Shale -----	9	316	Shale, gummy -----	20	1,890		
Sand -----	35	351	Shale -----	130	2,020		
Rock -----	7	358	Marl, (Taylor) -----	80	2,100		
Shale -----	49	407	Limestone, (Anacacho) ---	114	2,214		
Shale, sandy and boulders	150	557	Shale, limey -----	97	2,311		
Rock -----	19	576	Limestone, (Anacacho) ---	6	2,317		
Shale, boulders -----	91	667	Shale, lime -----	52	2,369		
Rock -----	9	676	Chalk, (Austin) -----	7	2,376		
Shale, boulders -----	27	703	Chalk -----	129	2,505		
Rock -----	4	707	Chalk with shale streaks	26	2,531		
Shale, boulders -----	124	831	Chalk (Eagle Ford) shale	100	2,631		
Shale -----	8	839	Shale, (Eagle Ford) ----	6	2,637		
Rock -----	2	841	Shale, calcareous -----	28	2,665		
Shale, boulders -----	24	865	Lime and shale (Eagle				
Rock -----	8	873	Ford) -----	78	2,743		
Shale, boulders -----	62	935	Shale, (Eagle Ford) ----	40	2,783		
Rock -----	4	939	Lime with shale lenses -	40	2,823		
Shale, boulders -----	30	969	Lime, (Buda) -----	55	2,878		
Rock -----	6	975	Clay, Grayson shale (Del				
Shale, calcareous,			Rio clay) -----	74	2,952		
boulders -----	82	1,057	Lime (Georgetown) -----	79	3,031		
Shale, boulders -----	8	1,065	Limestone (Edwards) ----	39	3,070		
Rock -----	5	1,070	Cap rock -----	1	3,071		
Shale, boulders -----	26	1,096	Limestone, (Edwards) ---	813	3,884		
Rock -----	6	1,102	Limestone -----	20	3,904		
Shale, boulders -----	198	1,300	Limestone, (Edwards) ---	26	3,930		
			Limestone (Glen Rose) --	307	4,237		

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-8-33							
Owner: G. A. Blackaller. Driller: Med-Frio Oil Co.							
Sand (Wilcox) -----	2	2	Limestone and calcite,				
Clay and rock -----	3	5	brown -----	7	713		
Adobe, gray -----	7	12	Mud, blue -----	4	717		
Adobe, yellow -----	18	30	Limestone and calcite,				
Adobe, red -----	8	38	brown -----	11	728		
Mud, blue -----	30	68	Mud, blue and limestone -	21	749		
Rock, blue, hard -----	2	70	Limestone and calcite,				
Rock, blue, sandy -----	11	81	brown -----	5	754		
Rock, blue, hard; water -	3	84	Gumbo, very hard -----	3	757		
Lignite -----	36	120	Gumbo -----	12	769		
Sandstone, gray -----	80	200	Gumbo, hard -----	3	772		
Sand and rock, hard -----	20	220	Limestone, hard -----	3	775		
Sandstone -----	25	245	Gumbo -----	19	794		
Sandstone, gray; water --	25	270	Rock, blue -----	1	795		
Sandstone, blue -----	15	285	Gumbo -----	19	814		
Gumbo -----	83	368	Rock, blue -----	2	816		
Rock, gray -----	4	372	Gumbo -----	2	818		
Gumbo -----	23	395	Rock, blue, hard -----	2	820		
Asphalt -----	17	412	Sand; sulphur water				
Rock, blue -----	16	428	and salt -----	2	822		
Gumbo -----	17	445	Rock, blue -----	1	823		
Rock, blue -----	2	447	Sand, gray -----	3	826		
Gumbo -----	4	451	Rock, hard, blue -----	3	829		
Rock, blue -----	5	456	Sand, gray -----	4	833		
Gumbo -----	4	460	Gumbo -----	4	837		
Rock, flint -----	3	463	Rock -----	3	840		
Gumbo -----	17	480	Gumbo -----	30	870		
Rock, bluish-gray -----	25	505	Limestone, hard -----	2	872		
Sand and rock, blue -----	2	507	Limestone, soft -----	5	877		
Clay, blue -----	48	555	Gumbo -----	3	880		
Rock, blue with flint ---	15	570	Rock -----	4	884		
Mud, blue -----	18	588	Gumbo -----	16	900		
Rock, blue -----	2	590	Shale, white -----	12	912		
Mud, blue -----	39	629	Gumbo -----	19	931		
Limestone and calcite,			Limestone -----	3	934		
brown -----	49	678	Gumbo -----	17	951		
Mud, blue -----	8	686	Limestone -----	2	953		
Limestone and calcite,			Gumbo -----	21	974		
brown -----	10	696	Limestone -----	2	976		
Mud, blue -----	10	706	Gumbo -----	16	992		

(Continued on next page)

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-8-33--continued							
Limestone -----	4	996	Rock -----	3	1,281		
Gumbo -----	6	1,002	Shale, brown; oil show --	64	1,345		
Limestone, hard -----	2	1,004	Sandstone, gray -----	5	1,350		
Shale, gray -----	8	1,012	Shale, black, sandy clay	54	1,404		
Limestone -----	3	1,015	Soapstone, white -----	3	1,407		
Shale, gray -----	5	1,020	Shale, dark, sandy; oil				
Limestone -----	13	1,033	show -----	29	1,436		
Shale, gray -----	28	1,061	Shale, light sandy -----	46	1,482		
Rock -----	3	1,064	Sandstone, gray -----	12	1,494		
Shale, gray -----	28	1,092	Shale, dark gray, sandy				
Rock -----	3	1,095	slight oil show -----	48	1,542		
Shale -----	24	1,119	Sandstone, gray -----	4	1,546		
Rock -----	9	1,128	Shale, gray with gumbo				
Shale, gray -----	25	1,153	and clay; oil show ----	55	1,601		
Rock -----	1	1,154	Sandstone, dark gray ----	8	1,609		
Shale, gray -----	11	1,165	Soapstone -----	6	1,615		
Rock -----	3	1,168	Shale, dark-gray; oil				
Shale, gray -----	46	1,214	show -----	7	1,622		
Rock -----	1	1,215	Shale, light gray -----	16	1,638		
Shale -----	28	1,243	Sandstone, dark gray ----	4	1,642		
Rock -----	1	1,244	Shale, light gray -----	27	1,669		
Shale, gray -----	26	1,270	Sandstone, dark gray ----	7	1,676		
Rock -----	1	1,271	Shale, light gray -----	44	1,720		
Shale, gray; slight oil			Total depth -----		3,500		
show -----	7	1,278					
Well I-9-3							
Owner: John P. Nixon. Driller: James F. Greenlee.							
Soil clay -----	6	6	Sand and clay -----	90	226		
Clay, sand, gravel -----	44	50	Rock -----	4	230		
Sand -----	8	58	Sand -----	4	234		
Clay -----	12	70	Rock -----	3	237		
Sand, hard, green -----	10	80	Sand -----	2	239		
Rock -----	4	84	Rock -----	6	245		
Sand and lignite -----	4	88	Shale -----	12	257		
Rock -----	3	91	Sand, dark boulders ----	38	295		
Sand and clay -----	39	130	Rock -----	5	300		
Sand, soft -----	6	136	Shale, boulders -----	54	354		
(Continued on next page)							

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)		
Well I-9-3--continued					
Rock -----	1	355	Shale, rock -----	2	974
Shale, boulders -----	15	370	Sand -----	7	981
Rock -----	1	371	Shale, sticky -----	11	992
Shale, sandy -----	7	378	Shale, rock -----	2	994
Rock -----	1	379	Sand and shale -----	9	1,003
Sand, shale streaks, boulders; gas show ----	33	412	Shale and boulders -----	94	1,097
Rock -----	1	413	Shale, sand stringers ---	3	1,100
Shale, sandy -----	8	421	Shale, sticky; oil show -	6	1,106
Rock -----	4	425	Shale rock -----	1	1,107
Shale, boulders, sandy --	60	485	Shale and sand -----	8	1,115
Rock -----	3	488	Shale, sticky -----	8	1,123
Sand -----	14	502	Shale, sticky, sandy ----	3	1,126
Rock -----	1	503	Shale, hard, sticky oil show -----	81	1,207
Shale and boulders; sandy -----	47	550	Shale and sand; oil ----	7	1,214
Shale and boulders -----	264	814	Sand, streaks and shale; oil -----	18	1,232
Rock -----	1	815	Shale -----	47	1,279
Shale, sticky -----	110	925	Lime, sandy -----	16	1,295
Rock -----	1	926	Lime, sandy and shale stringers -----	45	1,340
Shale, sandy -----	16	942			
Shale, sticky -----	30	972			
Well I-9-6					
Owner: E. Bohmfalk. Driller: Fritz Fuchs.					
Surface sand -----	5	5	Shale -----	149	653
Clay -----	15	20	Rock -----	56	709
Shale and gumbo -----	120	140	Gumbo and shale -----	72	781
Sand; water -----	10	150	Rock -----	2	783
Shale -----	50	200	Gumbo and shale -----	142	925
Rock -----	5	205	Rock -----	2	927
Shale, sandy -----	35	240	Gumbo -----	19	946
Gumbo -----	22	262	Shale -----	170	1,116
Rock -----	9	271	Slate; salt water -----	25	1,141
Gumbo and shale -----	152	423	Sand; salt water -----	9	1,150
Rock -----	7	430	Shale, hard -----	9	1,159
Shale, sandy -----	72	502	Sand; salt water -----	17	1,176
Rock -----	2	504	Rock -----	2	1,178

(Continued on next page)

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well I-9-6--continued			
Shale, sandy -----	6 1,184	Rock -----	2 1,292
Gumbo and shale -----	29 1,213	Shale -----	33 1,325
Rock -----	1 1,214	Gumbo -----	20 1,345
Shale -----	5 1,219	Rock, white -----	59 1,404
Gumbo, shale and boulders	71 1,290	Shale, sandy -----	152 1,556
Well I-9-13			
Owner: E. B. Chandler. Driller: C. P. Cortter.			
Soil -----	3 3	Limestone and shale -----	45 500
Clay, red -----	7 10	Limestone -----	5 505
Clay, white -----	28 38	Shale -----	14 519
Gravels -----	11 49	Lime, soft and shale hard	23 542
Boulders -----	1 50	Limestone and shale -----	45 587
Shale -----	25 75	Rock, hard -----	1 588
Rock, hard -----	5 80	Shale and limestone, black	21.11 609.11
Shale, sandy -----	35 115	Shale and limestone, gray	23.89 633
Rock, hard -----	5 120	Shale, gray, sticky -----	10 643
Shale, boulders -----	14 134	Shale, black, hard brittle -----	26 669
Rock -----	1 135	Shale, hard, streaks lime, gray -----	8 677
Sand and coal -----	22 157	Rock -----	.6 677.6
Shale, sandy and coal ---	51 208	Shale, gray -----	22.4 700
Shale, sandy and lime ---	35 243	Shale -----	35 735
Shale boulders -----	2 245	Rock, white -----	.6 735.6
Shale, black, boulders --	83 328	Shale, gray -----	12.4 748
Shale, blue sandy and lime stringers -----	8 336	Rock -----	1.5 749.5
Sandstone, blue -----	7 343	Shale and limestone streaks -----	26.5 776
Sand -----	5 348	Shale, gray and limestone	22 798
Rock -----	1 349	Rock -----	1 799
Shale, boulders -----	33 382	Shale -----	7 806
Rock, hard -----	2.6 384.6	Rock -----	1 807
Lime, gray and shale ---	16.4 401	Shale and limestone, gray -----	22 829
Rock, hard -----	1 402	Shale and limestone ---	3 832
Shale, gray, boulders ---	29 431	Shale, sticky -----	8 840
Rock -----	2 433	Shale, sandy -----	2 842
Shale and limestone -----	5 438		
Shale -----	14 452		
Limestone -----	3 455		

(Continued on next page)

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-9-13--continued							
Shale and limestone -----	13.3	855.3	Shale, sandy; oil trace -	32	1,016		
Rock -----	.6	855.9	Shale, sandy, dry -----	20	1,036		
Shale -----	11.1	867	Shale, sandy -----	9	1,045		
Rock -----	3	870	Sand -----	9	1,054		
Shale -----	2	872	Limestone and sand,				
Shale, sticky -----	23	895	crystallized -----	4	1,058		
Shale and limestone -----	78	973	Rock -----	1	1,059		
Sand and shale; oil stain	11	984	Sand, fresh water -----	51	1,110		
Well I-9-14							
Owner: E. B. Chandler. Driller: B. C. Calvin.							
Clay -----	10	10	Rock, hard -----	2	527		
Shale -----	10	20	Rock and lime -----	13	540		
Gravel -----	30	50	Shale, black, hard				
Shale -----	20	70	brittle -----	53	593		
Shale, black -----	50	120	Rock -----	1	594		
Sand; fresh water -----	40	160	Shale, sandy -----	5	599		
Shale, black -----	80	240	Shale, gray soft -----	31	630		
Shale, sticky -----	4	244	Shale, sticky -----	3	633		
Rock, red -----	5	249	Shale -----	116	749		
Gumbo, black -----	1	250	Rock -----	1	750		
Shale, blue soft -----	22	272	Shale, soft and sticky --	50	800		
Sand and shale, blue ----	16	288	Lime and shale, black ---	10	810		
Rock -----	1	289	Lime and shale, hard ----	25	835		
Sand and shale, blue ----	11	300	Rock -----	1	836		
Shale, blue -----	33	333	Shale, sandy -----	13	849		
Rock -----	3	336	Shale, sandy, calcareous	21	870		
Sand and shale, blue ----	24	360	Rock -----	6	876		
Shale -----	5	365	Shale, sticky -----	14	890		
Shale, gray -----	30	395	Shale, sandy; oil show --	53	943		
Rock -----	4	399	Shale, sandy -----	9	952		
Shale, brown -----	9	408	Sand -----	1	953		
Rock, shale hard sandy --	1	409	Shale -----	4	957		
Shale, gray -----	17	426	Rock -----	1	958		
Rock, chalk -----	4	430	Shale, sandy -----	2	960		
Shale, gray -----	20	450	Shale, soft -----	58	1,018		
Chalk, rock, white -----	12	462	Shale and limestone -----	36.5	1,054.5		
Shale, gray -----	6	468	Rock and lime, hard ----	1	1,055.5		
Rock, very hard -----	2	470	Sand, oil odor -----	5.5	1,061		
Lime, soft to hard -----	55	525					

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-9-26							
Owner: Anelia Zadich. Driller: J. E. Thomas & B. Rife.							
Sand and clay -----	37	37	Shale and shells -----	101	1,822		
Sand -----	226	263	Shale -----	73	1,895		
Shale -----	17	280	Lime -----	2	1,897		
Sand -----	26	306	Shale and shells -----	15	1,912		
Rock -----	1	307	Shale -----	15	1,927		
Shale -----	58	365	Sandstone -----	1	1,928		
Sand -----	47	412	Sand; oil show -----	38	1,966		
Shale -----	39	451	Sand and shale -----	9	1,975		
Rock -----	2	453	Sand -----	30	2,005		
Shale -----	410	863	Sandstone -----	3	2,008		
Rock -----	2	865	Sand -----	30	2,038		
Shale -----	20	885	Sandstone -----	2	2,040		
Rock -----	6	891	Sand -----	23	2,063		
Shale -----	17	908	Shale -----	37	2,100		
Rock -----	3	911	Shale, sandy -----	16	2,116		
Shale -----	3	914	Shale -----	59	2,175		
Rock -----	2	916	Shale, sandy -----	84	2,259		
Shale -----	26	942	Sand and shale -----	8	2,267		
Rock -----	3	945	Shale -----	14	2,281		
Shale and lime -----	105	1,050	Shale, sandy -----	87	2,368		
Lime -----	16	1,066	Lime, sticky -----	11	2,379		
Shale -----	75	1,141	Lime, sandy -----	6	2,385		
Shale and lime -----	87	1,228	Lime -----	25	2,410		
Lime -----	8	1,236	Lime, sticky -----	13	2,423		
Shale and lime -----	4	1,240	Lime, hard, sandy -----	57	2,480		
Lime -----	8	1,248	Lime -----	32	2,512		
Shale -----	12	1,260	Shale, sandy -----	12	2,524		
Lime -----	4	1,264	Shale and lime -----	22	2,546		
Shale and lime -----	34	1,298	Chalk; gas odor strong --	121	2,667		
Lime -----	6	1,304	Chalk, very hard -----	103	2,770		
Shale and lime -----	10	1,314	Chalk, hard -----	13	2,783		
Shale -----	14	1,328	Chalk, gas odor -----	25	2,808		
Lime -----	6	1,334	Chalk -----	52	2,860		
Shale -----	51	1,385	Sand and shale,				
Shale, fossiliferous ----	10	1,395	glauconitic gas odor --	3.5	2,863.5		
Lime and shale -----	17	1,412	Chalk -----	65.5	2,929		
Shale -----	104	1,516	Shale -----	66	2,995		
Lime -----	3	1,519	Lime, white hard -----	88	3,083		
Shale and lime -----	7	1,526	Shale -----	69	3,152		
Shale -----	126	1,652	Limestone (Georgetown) --	79	3,231		
Lime and shale -----	23	1,675	Limestone (Edwards) -----	101	3,332		
Shale -----	46	1,721					

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-9-27							
Owner: Mrs. T. A. Wilson.				Driller: Clopton & Mitchell.			
Soil -----	3	3	Sand rock -----	2	731		
Sand -----	32	35	Sandstone, soft -----	30	761		
Gravel -----	10	45	Shale -----	1	762		
Sand -----	84	129	Sand and boulders -----	11	773		
Shale, blue -----	15	144	Shale -----	17	790		
Sand, hard -----	36	180	Lime -----	3	793		
Shale, sandy -----	40	220	Sand -----	6	799		
Shale, blue -----	6	226	Shale -----	4	803		
Sand -----	51	277	Sand, green -----	38	841		
Lime -----	2	279	Shale -----	40	881		
Shale, blue -----	4	283	Shale, sandy -----	54	935		
Sand, hard -----	38	321	Sand -----	5	940		
Boulders -----	2	323	Shale, sandy -----	13	953		
Sand -----	47	370	Sand -----	10	963		
Sand and shale -----	20	390	Shale -----	10	973		
Sand, hard -----	6	396	Shale, hard -----	7	980		
Rock -----	5	401	Lime -----	2	982		
Shale, hard, sandy -----	15	416	Shale -----	98	1,080		
Sand, rock -----	15	431	Lime -----	1	1,081		
Shale -----	8	439	Shale and limestone -----	33	1,114		
Boulders -----	2	441	Limestone -----	2	1,116		
Shale, boulders, sandy --	67	508	Shale -----	23	1,139		
Lignite -----	6	514	Shale, sticky -----	21	1,160		
Sand -----	38	552	Shale -----	21	1,181		
Rock -----	1	553	Shale, sticky -----	23	1,204		
Sand, hard -----	26	579	Shale -----	40	1,244		
Sandstone -----	2	581	Lime -----	8	1,252		
Sand -----	38	619	Shale and boulders -----	13	1,265		
Sandstone, hard -----	31	650	Sand -----	3	1,268		
Sand rock -----	3	653	Shale and lime, gray				
Sand -----	6	659	streaks hard -----	232	1,500		
Shale -----	10	669	Shale, gray, sticky -----	32	1,532		
Sand rock -----	1	670	Rock -----	.5	1,532.5		
Sand -----	5	675	Shale, sandy -----	5	1,537.5		
Sand rock -----	1	676	Shale, boulders -----	29.5	1,567		
Sand -----	24	700	Lime -----	1	1,568		
Sand rock -----	2	702	Shale, sandy -----	20	1,588		
Sandstone -----	21	723	Shale with lime streak --	17	1,605		
Sand rock -----	1	724	Shale -----	15	1,620		
Sand -----	5	729	Lime, hard, sandy -----	7	1,627		

(Continued on next page)

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well I-9-27--continued							
Shale -----	96	1,723	Sand -----	37	1,839		
Shale, sandy -----	1	1,724	Shale, sandy -----	4	1,843		
Sand -----	3	1,727	Sand -----	7	1,850		
Sand, hard -----	5	1,732	Sandstone -----	3	1,853		
Sand -----	4	1,736	Sand -----	21	1,874		
Sand -----	30	1,766	Shale -----	11	1,885		
Shale, sandy -----	9	1,775	Sand -----	4	1,889		
Shale, sticky -----	25	1,800	Shale -----	116	2,005		
Shale, sandy; gas -----	2	1,802					
Well I-9-50							
Owner: B. I. Bomba. Driller: A. F. Mann.							
Clay -----	31	31	Sandstone -----	6	68		
Sandstone -----	8	39	Sand; water -----	28	96		
Shale -----	23	62	Shale, gray -----	3	99		
Well J-1-41							
Owner: F. C. Stinson. Driller: J. Rogers.							
Soil -----	3	3	Lime, gray -----	48	458		
Gravel -----	26	29	Shale, blue -----	2	460		
Shale, blue -----	36	65	Lime -----	25	485		
Shale, gray -----	50	115	Lime, gray with mud -----	10	495		
Lime, bluish-gray -----	20	135	Mud, dark gray -----	20	515		
Lime, brown -----	13	148	Lime, white -----	25	540		
Lime, brownish-gray with shale -----	17	165	Lime, white and gray -----	28	568		
Shale, gray; little water	39	204	Lime, gray, white and light blue with flint very hard -----	4	572		
Shale, blue -----	3	207	Shale, blue -----	12	584		
Shale, gray and limestone	13	220	Shale, blue with lime-				
Shale, blue -----	58	278	stone and pyrite -----	11	595		
Lime, white; flint gray; dolomite and tuff-----	32	310	Shale, fossiliferous -----	20	615		
Lime, gray with pyrite --	10	320	Lime, hard, white water -	26	641		
Lime, white and gray ----	70	390					
Lime, gray, with pyrite -	20	410					

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-1-44							
Owner: Fritz Fuos. Driller: Pegg Bros.							
Soil -----	4	4	Limestone (Buda) -----	57	1,035		
Gravel -----	12	16	Clay, Grayson shale (Del				
Clay -----	25	41	Rio clay) -----	63	1,098		
Shale -----	474	515	Limestone (Georgetown) --	22	1,120		
Limestone (Anacacho) ---	85	600	Limestone (Edwards) -----	12	1,132		
Marl (Taylor) -----	89	689	Limestone; water -----	3	1,135		
Chalk, (Austin) -----	246	935	Limestone -----	81	1,216		
Shale, (Eagle Ford) ----	43	978					
Well J-1-45							
Owner: Anton Burger. Driller: W. Peters.							
Escondido, Navarro, Taylor and Anacacho, formations and Austin chalk:				Escondido, Navarro, Taylor and Anacacho formations and Austin chalk-- continued			
Black earth -----	3	3	Dark shale -----	6	828		
Gravel -----	41	44	Austin chalk -----	267	1,095		
Yellow clay -----	190	234	Eagle Ford shale:				
Blue shale -----	2	236	Lignite shale -----	41	1,136		
Blue lime -----	9	245	Buda limestone: Hard				
Blue shale -----	19	264	creamy white limestone	62	1,198		
Blue shale and thin			Grayson shale (Del Rio				
sand lenses -----	1	265	clay): Blue mud -----	60	1,285		
Blue lime -----	5	270	Georgetown limestone,				
Blue shale and thin			Gray limestone -----	32	1,290		
sand lenses -----	2	272	Hard yellowish-white				
Blue shale -----	118	390	limestone -----	10	1,300		
Blue lime -----	3	393	Edwards limestone: Porous				
Blue shale -----	59	452	sandy limestone; sulphur				
Blue lime -----	202	654	water -----	15	1,315		
White limestone:							
some marly lime-							
stone -----	168	822					

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-1-53							
Owner: J. Jagge. Driller: J. Jagge.							
Soil and gravel -----	7	7	Limestone, (Buda) -----	61	462		
Limestone (Anacacho) ---	38	45	Clay, Grayson shale (Del				
Lime, soft -----	182	227	Rio clay) -----	67	529		
Chalk, (Austin) -----	138	365	Limestone, (Georgetown				
Shale, (Eagle Ford) ----	36	401	and Edwards) -----	38	567		
Well J-1-62							
Owner: John Nietenhoefer. Driller: G. P. Oakes.							
Gravel -----	50	50	Shale, blue -----	55	915		
Clay, yellow -----	7	57	Shale, green -----	25	940		
Rock, yellow -----	1	58	Rock and sand, green ----	7	947		
Shale, blue -----	72	130	Sand, white, brachish ---	13	960		
Sandstone; water seep --	2	132	Shale, green -----	10	970		
Shale, blue -----	278	410	Unkown -----	5	975		
Rock -----	3	413	Shale, blue -----	5	980		
Shale, green -----	87	500	Rock, green and lime ----	225	1,205		
Shale, green, sandy ----	35	535	Shale, green -----	40	1,245		
Shale, green -----	40	575	Shale, light-green -----	5	1,250		
Sand, green -----	10	585	Lime, green -----	20	1,270		
Sand, dark-green -----	10	595	Shale, green -----	5	1,275		
Shale, sandy -----	26	621	Lime, green -----	35	1,310		
Shale, green -----	109	730	Shale, blue -----	60	1,370		
Serpentine streaks ----	5	735	Lime, green; sulphur				
Shale, green -----	125	860	water -----	42	1,412		
Well J-1-64							
Owner: O. A. Schmidt. Driller: C. A. Schweers.							
Soil -----	2	2	Clay, dark-gray -----	59	91		
Gravel -----	2	4	Clay, bluish-gray -----	2	93		
Clay, yellow -----	28	32	Clay, blue -----	57	150		
(Continued on next page)							

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)		
Well J-1-64--continued					
Rock, gray -----	5	155	Shale, gray, soft, friable -----	29	674
Shale, blue -----	15	170	Shale, dark-gray -----	30	704
Rock, gray -----	5	175	Shale, gray -----	8	712
Shale, gray -----	13	188	Sand, green -----	20	732
Rock, gray -----	3	191	Shale, light gray -----	18	750
Shale, gray -----	11	202	Lime, gray -----	52	802
Rock, gray -----	2	204	Shale, gray -----	4	806
Shale, gray -----	78	282	Lime, gray -----	36	842
Rock, gray -----	1	283	Shale, dark -----	68	910
Shale, gray -----	169	452	Lime, white; salt water -	30	940
Rock, gray -----	2	454			
Shale -----	191	645			
Well J-1-83					
Owner: City of Castroville. Driller: Cravens Drilling Co.					
Soil -----	26	26	Limestone (Buda) -----	75	600
Gravel -----	2	28	Clay, Grayson shale (Del Rio clay) -----	98	698
Marl, (Taylor) -----	100	128	Limestone (Edwards), cavernous -----	17	715
Limestone, (Anacacho) --	82	210			
Chalk, (Austin) -----	282	492			
Shale, (Eagle Ford) ----	33	525			
Well J-1-86					
Owner: J. Courand. Driller: Golden West Oil Co.					
Gravel -----	10	10	Sand -----	17	920
Shale -----	200	210	Shale -----	12	932
Lime; gas show 200 feet	15	225	Lime -----	71	1,003
Shale; slight oil show -	172	397	Clay -----	19	1,022
Sand -----	35	432	Sand; oil trace -----	10	1,032
Shale -----	35	467	Shale -----	20	1,052
Lime; oil trace -----	113	580	Sand; water -----	15	1,067
Shale -----	80	660	Lime; water -----	32	1,099
Lime; water -----	140	800	Sand; water -----	23	1,122
Shale -----	5	805	Lime and sand -----	5	1,127
Sand -----	15	820	Lime, hard; water -----	20	1,147
Lime -----	83	903			

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)		
Well J-2-15					
Owner: A. J. Wurzbach. Driller: J. I. Moore.					
Caliche and shale -----	93	93	Shale, blue -----	10	1,395
Clay, brown -----	17	110	Lime, gray, hard -----	25	1,420
Shale, black -----	148	258	Lime, gray -----	11	1,431
Lime, white -----	42	300	Shale, gray, sticky -----	9	1,440
Lime, gray -----	21	321	Shale, sticky -----	29	1,469
Shale, gray -----	57	378	Shale and limestone -----	26	1,495
Lime, gray -----	20	398	Lime, brown -----	12	1,507
Sand and gravel, contain water -----	17	415	Lime, broken -----	8	1,515
Lime -----	18	433	Lime, brown -----	10	1,525
Shale, blue -----	5	438	Lime, brown hard -----	10	1,535
Lime -----	2	440	Lime, brown -----	63	1,598
Gravel; water -----	20	460	Lime, white -----	7	1,605
Lime, broken -----	17	477	Shale, gray -----	40	1,645
Shale, blue -----	53	530	Lime, shale, broken -----	15	1,660
Lime -----	70	600	Lime and shale; lime broken -----	57	1,717
Lime, broken -----	14	614	Lime, brown -----	23	1,740
Sand; water -----	8	622	Lime, gray-brown, broken	10	1,750
Lime -----	39	661	Lime, brown -----	70	1,820
Sand, hard, fine -----	14	675	Lime, gray-brown broken -	15	1,835
Lime -----	34	709	Lime, gray -----	50	1,885
Gravel -----	5	714	Lime, brown -----	15	1,900
Lime -----	11	725	Lime -----	6	1,906
Lime, honeycomb; water -	4	729	Lime, sandy -----	14	1,920
Lime, gray -----	16	745	Lime, gray-brown, brown -	15	1,935
Lime -----	60	805	Lime, shale -----	45	1,980
Lime, gray -----	155	960	Shale -----	5	1,985
Lime, shale -----	35	995	Lime, dark -----	13	1,998
Lime -----	5	1,000	Shale, blue -----	20	2,018
Lime, gray -----	25	1,025	Lime -----	14	2,032
Lime, brown -----	5	1,030	Lime, brown -----	7	2,039
Lime, brown, porous ----	10	1,040	Lime, brown, hard -----	16	2,055
Lime, gray; water -----	25	1,065	Lime and sand; sulphur water -----	2	2,057
Lime, porous -----	35	1,100	Shale -----	28	2,085
Lime, broken -----	30	1,130	Shale, blue -----	15	2,100
Lime, gray -----	100	1,230	Lime -----	5	2,105
Lime, broken chalk -----	12	1,242	Lime and shale -----	6	2,111
Shale, gray, broken ----	8	1,250	Shale, blue -----	44	2,155
Shale, broken -----	25	1,275	Lime, gray -----	25	2,180
Lime, gray -----	110	1,385			

(Continued on next page)

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-2-15--continued							
Lime, gray, broken -----	30	2,210	Lime, hard -----	10	2,660		
Lime, gray -----	30	2,240	Lime -----	30	2,690		
Shale, blue -----	13	2,253	Shale, red -----	2	2,692		
Lime, broken -----	12	2,265	Sand; water -----	28	2,720		
Lime, broken -----	5	2,270	Sand, hard -----	15	2,735		
Lime, gray -----	30	2,300	Sand -----	16	2,751		
Lime, gray, hole full of water -----	25	2,325	Lime, hard -----	4	2,755		
Lime, gray -----	12	2,337	Lime -----	4	2,759		
Sand, hard -----	8	2,345	Sand; water -----	11	2,770		
Shale and lime, blue limestone -----	10	2,355	Sand -----	15	2,785		
Lime -----	70	2,425	Sand and gravel -----	30	2,815		
Lime, gray -----	30	2,455	Sand -----	1	2,816		
Lime, broken sandy -----	35	2,490	Lime, gray -----	9	2,825		
Lime -----	6	2,496	Lime, sandy -----	13	2,838		
Lime, broken -----	26	2,522	Lime, brown -----	3	2,841		
Shale, red -----	3	2,525	Shale, brown -----	4	2,846		
Shale, blue -----	6	2,531	Lime, sandy -----	19	2,864		
Lime, gray -----	19	2,550	Lime, black -----	6	2,870		
Shale, broken -----	20	2,570	Sand -----	4	2,874		
Lime -----	5	2,575	Lime, black -----	26	2,900		
Lime, hard -----	15	2,590	Lime -----	10	2,910		
Lime -----	60	2,650	Lime, black, hard -----	15	2,925		
			Lime, black -----	268	3,193		
Well J-4-2							
Owner: E. Krewald. Driller: Pegg Bros.							
Caliche -----	4	4	Limestone (Anacacho) -----	310	750		
Clay, yellow, sticky ---	58	62	Chalk, (Austin) -----	360	1,110		
Shale, black -----	48	110	Shale (Eagle Ford) -----	35	1,145		
Shale, sand stringers; gas -----	20	130	Limestone (Buda) -----	55	1,200		
Sand, hard -----	1	131	Clay, Grayson shale (Del Rio clay) -----	60	1,260		
Shale and sand, lenses -	44	175	Limestone (Georgetown) --	25	1,285		
Escondido formation, shale sandstone -----	265	440	Limestone (Edwards) -----	100	1,385		

Table 10.- Drillers' logs of wells in Medina County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well J-4-5					
Owner: T. S. McClure. Driller: F. M. Burkett.					
Soil -----	20	20	Sandstone, brown, fine-		
Clay, dark, sandy, limestone concretion -	40	60	grained and glauconi- tic, gray, chalky		
Clay, light-gray, sandy clay, blue-gray, very fine-grained, limey --	40	100	limestone -----	12	450
Clay, gray, limey -----	20	120	Clay, fine-grained sand, and hard, gray glauconi- tic limestone -----	20	470
Clay, bluish-gray, calcareous and clay, fine sandy -----	20	140	Clay, and fine-grained, gray, calcareous sand -	20	490
Clay, bluish-gray, sandy calcareous -----	20	160	Sandstone, greenish-gray, fine-grained, glauconi- tic -----	20	510
Clay, bluish-gray, cal- careous -----	20	180	Clay, greenish-gray, sandy, glauconitic ----	60	570
Clay, gray, calcareous sandy -----	20	200	Clay, gray, hard massive and sandy clay -----	20	590
Clay, gray, plastic calcareous -----	20	220	Clay, fine-grained, glauconitic, calcareous, sandy -----	40	630
Clay, gray, plastic, fossil-fragments ----	20	240	Clay, gray, sandy, cal- careous -----	50	680
Clay, gray, calcareous, sandy -----	20	260	Chalk, light-gray and gray calcareous clay -----	40	720
Clay, gray, sandy cal- careous -----	20	280	Limestone, gray, hard, sandy -----	20	740
Clay, sandy and fine- grained argillaceous gray sand -----	20	300	Chalk, light gray -----	32	772
Clay, gray, hard massive calcareous -----	20	320	Chalk, light-gray argillaceous -----	98	870
Clay gray, hard and fine- grained sandstone ----	20	340	Limestone, hard -----	14	884
Clay, gray, hard massive calcareous -----	80	420	Limestone and calcareous shale -----	16	900
Clay, greenish-gray, hard massive, cal- careous -----	15	435	Chalk and calcareous shale with pyrite ----	98	998
Chalk, and glauconite clay containing frag- ments of <u>Crenella</u>			Shale, calcareous and limestone -----	19	1,017
<u>serica</u> Conrad -----	3	438	Chalk, light-gray shaly -	15	1,032
			Chalk, light gray -----	25	1,057
			Chalk, light gray and gray, calcareous shale -----	12	1,069
			Chalk, white -----	41	1,110
			Shale (Eagle Ford), dark gray calcareous -----	40	1,150

Table 10.-Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-4-6							
Owner: R. J. Noonan. Driller: E. T. Peters.							
Clay, gravel -----	30	30	Shale and gumbo -----	287	820		
Rock -----	10	40	Limestone, (Anacacho) ---	76	896		
Gumbo -----	8	48	Shale, gumbo -----	8	904		
Rock -----	3	51	Chalk, rock, gummy -----	104	1,008		
Sand -----	15	66	Chalk, sticky -----	14	1,022		
Rock -----	3	69	Chalk -----	198	1,220		
Sand; water -----	1	70	Shale, (Eagle Ford) -----	71	1,291		
Rock -----	3	73	Limestone (Buda) -----	88	1,379		
Shale -----	12	85	Lime -----	12	1,391		
Rock -----	3	88	Clay, Grayson shale (Del				
Gumbo, boulders -----	52	140	Rio clay) -----	49	1,440		
Shale -----	110	250	Limestone (Georgetown) --	44	1,484		
Shale, boulders -----	80	330	Limestone (Edwards) -----	55	1,539		
Gumbo -----	46	376	Lime with flint -----	5	1,544		
Rock -----	2	378	Lime with pyrite -----	1	1,545		
Shale -----	42	420	Lime, dry with flint ----	5	1,550		
Gumbo, tough -----	45	465	Lime with pyrite -----	1	1,551		
Rock -----	1	466	Lime with flint -----	28	1,579		
Shale, boulders -----	67	533	Lime with pyrite -----	1	1,580		
Well J-4-11							
Owner: Wm. Edgar. Driller: Sun Oil Co.							
Surface soil, black ----	3	3	Shale, blue and sandstone				
Gravel, flint -----	5	8	lenses, oil odor -----	40	180		
Caliche -----	6	14	Shale, blue, hard, sandy	5	185		
Shale, yellow -----	42	56	Shale, blue -----	5	190		
Shale, yellow, blue			Shale, blue, fossils ----	5	195		
streaks -----	14	70	Shale, blue and sand				
Shale, blue -----	6	76	lenses -----	5	200		
Shale, gray, sandy, oil			Shale, gray, hard -----	12	212		
odor -----	2	78	Shale, soft, sandy -----	3	215		
Shale, gray, hard, oil			Shale, hard, stratified				
odor -----	9	87	sandy, oil show -----	5	220		
Shale, gray, sandy ----	13	100	Shale, hard, sandy and				
Shale, blue -----	30	130	sandstone lenses -----	18	238		
Shale, dark blue, and			Shale, hard, sandstone				
lime, sandy -----	10	140	lenses, oil show -----	2	240		

(Continued on next page)

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-4-11--continued							
Shale, blue -----	25	265	Lime, gray, sandy -----	29	600		
Shale, gray, hard, lenses -----	10	275	Lime, dark gray, sandy --	70	670		
Shale, blue -----	5	280	Lime, gray, marly -----	10	680		
Shale, gray, hard and sand -----	5	285	Limestone, brown, oil odor -----	15	695		
Shale, gray, hard, sandy	10	295	Limestone white-brown, hard -----	5	700		
Shale, blue -----	5	300	Gray streaks -----	30	730		
Lime, gray, hard, sandy	2	302	Limestone, gray -----	10	740		
Shale, blue -----	30	332	Limestone, gray, sandy --	30	770		
Rock and shale, gray, hard -----	10	342	Lime, gray, marly -----	45	815		
Shale, blue -----	33	375	Shale, blue, sandy -----	80	895		
Shale, gray, hard stratified -----	3	378	Lime, white -----	90	985		
Shale, blue, hard -----	7	385	Limestone, light gray, oil odor -----	15	1,000		
Shale, gray, hard -----	3	388	Lime, white -----	5	1,005		
Shale, hard -----	7	395	Shale, brownish -----	10	1,015		
Marl and shale, hard ---	20	415	Lime, white -----	10	1,025		
Marl, gray -----	20	435	Lime, gray -----	95	1,120		
Marl, blue -----	35	470	Shale, black, hard -----	33	1,153		
Shale, gray -----	10	480	Lime, white, hard -----	70	1,223		
Shale, blue -----	20	500	Shale, blue, sticky ----	65	1,288		
Shale, gray, hard, sand lenses, oil odor ----	20	520	Lime, white -----	7	1,295		
Shale, gray, hard -----	42	562	Lime, yellow, hard -----	5	1,300		
Shale, boulders, gray, hard -----	9	571	Rock, water -----	1	1,301		
			Lime, yellow, hard -----	7	1,308		
			Cavern -----	4	1,312		
			Lime, hard -----	13	1,325		
Well J-4-15							
Owner: J. O. Pike. Driller: T. W. Bain.							
Soil -----	7	7	Shale, gray -----	29	376		
Gravel -----	6	13	Lime -----	2	378		
Shale, gray -----	137	150	Shale, gray -----	23	401		
Rock -----	4	154	Shell -----	2	403		
Shale -----	79	233	Shale, gray -----	24	427		
Sand, green, oil -----	108	341	Sand, dry, oil trace ----	1	428		
Rock -----	3	344	Shale, blue -----	27	455		
Shale, fossils -----	3	347	Sand, oil -----	6	461		

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-4-23							
Owner: J. Tschirhart. Driller: Johnson Bros.							
Soil -----	3	3	Shale, hard -----	32	1,058		
Gravel -----	13	16	Shale, sticky -----	60	1,118		
Clay, yellow -----	4	20	Shale, blue -----	114	1,232		
Sand rock -----	8	28	Limestone -----	8	1,240		
Shale -----	104	132	Shale, broken -----	61	1,301		
Gumbo -----	14	146	Limestone -----	111	1,412		
Shale -----	78	224	Sand, gas -----	2	1,414		
Sand -----	6	230	Rock -----	6	1,420		
Shale -----	290	520	Shale, black -----	24	1,444		
Sand -----	18	538	Sand, very hard -----	16	1,460		
Chalk -----	452	990	Lime, broken -----	122	1,582		
Shale, hard -----	8	998	Rock -----	19	1,601		
Sand, hard -----	8	1,006	Lime, sandy, oil show ---	9	1,610		
Gumbo, tough -----	12	1,018	Lime, sulphur water -----	8	1,618		
Limestone, hard -----	8	1,026					
Well J-4-25							
Owner: H. V. Haas. Driller: Thomas and Ryan.							
Surface -----	80	80	Shale, gumbo and sand				
Shale, fine sandy -----	40	120	streaks -----	60	860		
Shale, sandy -----	30	150	Shale, hard, gumbo, sandy				
Shale, hard, streaks			streaks -----	72	932		
rock -----	50	200	Lime, (Anacacho) lime;				
Shale with sand streaks;			heavy oil show -----	52	984		
oil -----	30	230	Shale, hard, calcareous -	12	996		
Shale, hard, streaks			Shale, hard, sandy -----	94	1,090		
rock -----	120	350	Shale, hard and sand,				
Shale, gumbo, streaks,			bluish green calcareous	58	1,148		
rock -----	140	490	Rock, blue with flint ---	1	1,149		
Shale and sand, streaks			Chalk -----	11	1,160		
Shale, gumbo -----	80	600	Rock, blue, hard with				
Shale, sandy (Taylor) --	35	635	flint -----	2	1,162		
Shale, hard -----	24	659	Chalk, serpentine con-				
Gumbo -----	22	681	glomerated and clay,				
Gumbo, tough -----	119	800	blue -----	10	1,172		

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Table 10.- Drillers' logs of wells in Medina County--Continued

		Thickness (feet)	Depth (feet)			Thickness (feet)	Depth (feet)
Well J-4-25--continued							
Chalk, gumbo -----	13	1,185	Limestone (Georgetown) --	38	1,583		
Chalk -----	105	1,290	Shale, breaks, Dobey ----	1	1,584		
Chalk, shaley -----	80	1,370	Chert, lime -----	1	1,585		
Shale, hard and chalk streaks -----	28	1,398	Limestone, (Edwards) ----	5	1,590		
Lime, streaks (Eagle Ford) shale -----	2	1,400	Limestone (Edwards) dry -	40	1,630		
Shale, (Eagle Ford) ----	26	1,426	Limestone, (Edwards) hard and dry -----	18	1,648		
Limestone (Buda) -----	64	1,490	Chert, black, hard -----	1	1,649		
Clay, Grayson shale (Del Rio clay) -----	55	1,545	Limestone, (Edwards) hard and dry -----	1	1,650		
Well J-4-27							
Owner: Albert Bendele. Driller: Stovers and May.							
Midway, Escondido, and Navarro formation, Taylor marl, Austin chalk, and Anacacho limestone:				Midway, Escondido, and Navarro formation, Taylor marl, Austin chalk, and Anacacho limestone-- continued:			
Black soil -----	10	10	Sand -----	2	249		
Gravelly clay -----	6	16	Shale -----	13	262		
Pack sand -----	4	20	Shale -----	123	385		
Clay -----	20	40	Shale and boulders ----	50	435		
Pack sand -----	6	46	Shale -----	35	470		
Water sand -----	4	50	Pack sand -----	10	480		
Rock -----	3	53	Shale -----	20	500		
Sand with water -----	17	70	Rock -----	3	503		
Sandy shale -----	5	75	Shale -----	17	520		
Rock -----	32	107	Rock -----	5	525		
Sand -----	8	115	Shale and boulders ----	25	550		
Rock -----	3	118	Shale -----	20	570		
Shale and boulders ---	42	160	Rock -----	2	572		
Chalk -----	2	162	Sticky shale -----	28	600		
Shale -----	11	173	Rock -----	4	604		
Rock -----	5	178	Shale and shell; showing oil -----	8	612		
Shale -----	12	190	Hard shale -----	28	640		
Water sand -----	10	200	Shale -----	15	655		
Rock -----	3	203	Rock -----	3	658		
Shale and boulders ---	42	245					
Rock -----	2	247					
(Continued on next page)							

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well J-4-27--continued			
Midway, Escondido, and Navarro formation, Taylor marl, Austin chalk, and Anacacho limestone --continued:		Midway, Escondido, and Navarro formation, Taylor marl, Austin chalk, and Anacacho limestone --continued:	
Gumbo -----	22 680	Chalk -----	15 1,365
Gray-blue hard shale -	50 730	Black shale -----	10 1,375
Hard shale -----	60 790	Chalk -----	17 1,392
Gumbo -----	30 820	Eagle Ford shale -----	23 1,415
Sticky shale -----	20 840	Buda limestone -----	45 1,460
Rock -----	2 842	Grayson shale (Del Rio clay) -----	60 1,520
Gumbo -----	33 875	Georgetown limestone ----	2 1,522
Shale -----	20 895	Broken limestone -----	13 1,535
Anacacho -----	25 920	Hard limestone -----	15 1,550
Lime and shale -----	40 960	Limestone -----	6 1,556
Shale -----	90 1,050	Edwards limestone:	
Sandy lime -----	35 1,085	Hard dry lime -----	29 1,585
Red clay; top of chalk	15 1,100	Hard broken lime -----	50 1,635
Hard chalk -----	25 1,125	Hard dry brown lime ---	21 1,656
Chalk -----	87 1,212	Hard brown lime, black streaks -----	16 1,672
Hard dry chalk -----	58 1,270		
Hard chalk -----	80 1,350		
Well J-4-30			
Owner: L. A. Haby. Driller: Mid-Kansas Oil and Gas Co.			
Surface rock -----	55 55	Shale, sandy and boulders -----	137 1,307
Clay and shale -----	330 385	Chalk, (Austin) -----	105 1,412
Shale -----	495 880	Shale, (Eagle Ford) -----	74 1,486
Rock -----	1 881	Limestone (Buda) -----	24 1,510
Shale, sandy -----	24 905	Clay, Grayson shale (Del Rio clay) -----	35 1,545
Shale, sticky -----	160 1,065	Limestone (Georgetown) --	60 1,605
Shale, chalky -----	12 1,077		
Shale, sandy and pyrite	93 1,170		

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-4-31							
Owner: Jake Haby.							
Sand, soft, surface ----	10	10	Rock, hard -----	10	1,015		
Rock, gray, soft -----	4	14	Shale, hard, chalky ----	17	1,032		
Sand, gray, soft -----	6	20	Shale, chalky -----	27	1,059		
Gravel, white, hard ----	20	40	Chalk, hard -----	1	1,060		
Rock, hard -----	4	44	Shale, blue, hard -----	16	1,076		
Clay and gravel; clay soft -----	10	54	Lime, gray, hard -----	38	1,114		
Rock, soft -----	1	55	Chalk, white, hard -----	154	1,268		
Clay; blue, soft -----	5	60	Chalk, medium -----	67	1,335		
Shale boulders -----	325	385	Shale, brown (Eagle Ford)	35	1,370		
Shale, blue, hard -----	50	435	Limestone (Buda) -----	54	1,424		
Shale, boulders; oil and gas -----	80	515	Clay, blue (Del Rio) ----	60	1,484		
Rock -----	61	576	Limestone (Georgetown) and shale; oil -----	16	1,500		
Shale, boulders -----	224	800	Limestone (Edwards) ----	42	1,542		
Lime, hard -----	31	831	Clay, Grayson shale (Del Rio clay) -----	50	1,592		
Sand, gray, soft and shale; gas -----	1	832	Lime (Georgetown) water -	15	1,607		
Sand, gray, hard -----	44	876	Lime (Edwards) -----	9	1,616		
Shale, sandy; oil show -	66	942					
Shale, blue, hard, sandy	63	1,005					
Well J-4-37							
Owner: D. F. Davis. Driller: M. Stewart and Sons.							
Soil -----	3	3	Shale -----	4	240		
Clay -----	7	10	Rock -----	2	242		
Sand -----	20	30	Shale -----	1	243		
Rock -----	10	40	Rock -----	3	246		
Sand -----	60	100	Shale -----	19	265		
Sand, hard -----	38	138	Rock -----	1	266		
Rock, hard -----	1	139	Shale, sandy -----	38	304		
Shale -----	10	149	Rock -----	3	307		
Rock -----	2	151	Shale and boulders; shale hard -----	202	509		
Sand, black -----	5	156	Sand, hard -----	4	513		
Shale, hard -----	55	211	Shale, sandy -----	326	839		
Shale, sticky -----	23	234	Shale, hard -----	20	859		
Rock -----	2	236					

(Continued on next page)

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-4-37--continued							
Shale, hard, sandy, broken -----	20	879	Shale, black -----	48	1,735		
Shale, hard, sandy, streaks -----	47	926	Chalk -----	79	1,814		
Shale, sticky -----	229	1,155	Shale, (Eagle Ford) -----	75	1,889		
Lime (Anacacho) -----	215	1,370	Limestone (Buda) -----	64	1,953		
Shale, sticky -----	70	1,440	Clay, Grayson shale (Del Rio clay) -----	37	1,990		
Chalk -----	247	1,687	Limestone (Georgetown) --	30	2,020		
			Limestone, (Edwards) ----	61	2,081		
Well J-4-47--partial log							
Owner: Christilles Estate. Driller: Johnson & Hyslop.							
No record -----	1,132	1,132	Lime, (Georgetown), hard	30	1,630		
Chalk, (Austin) -----	4	1,136	Lime, (Georgetown), black	11	1,641		
Chalk, (Austin), soft --	47	1,183	Lime, (Edwards), very hard -----	12	1,653		
Chalk, (Austin), hard --	2	1,185	Lime, (Edwards), gray ---	1	1,654		
Chalk, (Austin), broken	3	1,188	Lime, (Edwards), bluish white, gray -----	4	1,658		
Chalk, (Austin), soft --	72	1,260	Lime, (Edwards), gray and black -----	2	1,660		
Chalk, (Austin), hard --	1	1,261	Lime, (Edwards), black --	3	1,663		
Chalk, (Austin), soft --	87	1,348	Lime, (Edwards), oil and gas -----	2	1,665		
Chalk, (Austin), broken	59	1,407	Lime, (Edwards), gray, hard -----	4	1,669		
Chalk, (Austin), hard; oil show -----	10	1,417	Lime, (Edwards) gray and black fossil -----	2	1,671		
Chalk, (Austin), broken	18	1,435	Lime, (Edwards), gray, very hard -----	2	1,673		
Chalk, (Austin), Eagle Ford -----	1	1,436	Lime, gray, sulphur water	3	1,676		
Shale, (Eagle Ford) broken -----	10	1,446	Lime, gray, hard, porous	11	1,687		
Shale, (Eagle Ford) hard	12	1,458	Limestone (Edwards), gray hard -----	12	1,699		
Shale, (Eagle Ford), broken -----	22	1,480	Limestone (Edwards) gray, very hard -----	1	1,700		
Lime, (Buda), hard and soft streaks -----	40	1,520					
Grayson shale, (Del Rio clay) -----	32	1,552					
Grayson shale, (Del Rio clay), hard -----	9	1,561					
Grayson shale, (Del Rio clay), broken -----	26	1,587					
Grayson shale, (Del Rio clay), hard streaks --	13	1,600					

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-4-52							
Owner: W. J. Conger. Driller: E. R. Thomas et al.							
Soil, black -----	2	2	Gumbo -----	44	890		
Clay, yellow and gravel	8	10	Gumbo, tough, chalky ----	26	916		
Clay and gravel -----	31	41	Gumbo -----	14	930		
Gumbo -----	29	70	Lime, hard, streaks ----	78	1,008		
Shale, gumbo and sand --	10	80	Limestone (Anacacho) with				
Sand, probably water ---	5	85	sand and chalk -----	12	1,020		
Shale, gummy, and sand			Limestone (Anacacho) ----	24	1,044		
streaks -----	25	110	Limestone, sandy, oil ---	2	1,046		
Rock -----	11	121	Limestone (Anacacho) ----	8	1,054		
Shale, gummy, and sand			Sand, streaks, oil -----	6	1,060		
streaks -----	14	135	Shale, hard -----	6	1,066		
Rock, fish tail -----	2	137	Rock, chalk -----	34	1,100		
Shale, gummy -----	13	150	Chalk, hard -----	46	1,146		
Rock -----	9	159	Chalk, shaley -----	54	1,200		
Shale, gummy -----	6	165	Chalk, soft, oil -----	36	1,236		
Rock -----	1	166	Chalk, shaley -----	40	1,276		
Shale, gummy, and sand			Chalk rock, oil show ----	4	1,280		
streaks -----	7	173	Shale -----	30	1,310		
Boulders and shale ----	7	180	Lime, hard -----	2	1,312		
Shale, gummy, and lime			Lime rock -----	20	1,332		
boulders -----	72	252	Lime -----	8	1,340		
Sand, streaks, oil and			Chalk, streaks, and clay	22	1,362		
shale -----	38	290	Shale, hard -----	40	1,402		
Shale, gummy -----	20	310	Shale (Eagle Ford) -----	99	1,501		
Shale and boulders ----	50	360	Lime (Buda) -----	89	1,590		
Shale and sand, oil ----	10	370	Clay, Grayson shale (Del				
Shale and boulders ----	184	554	Rio clay) -----	75	1,665		
Shale and sand, oil ----	16	570	Lime (Georgetown) -----	35	1,700		
Gumbo -----	105	675	Lime (Edwards) and				
Shale -----	40	715	streaks -----	40	1,740		
Gumbo -----	2	717	Limestone (Edwards) ----	20	1,760		
Shale and sand, oil			Lime, very hard -----	10	1,770		
(Taylor) -----	23	740	Lime, broken -----	10	1,780		
Sand, oil, and shale ---	5	745	Lime, broken, soft and				
Gumbo, oil show -----	49	794	hard streaks -----	5	1,785		
Gumbo, tough -----	52	846					

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-4-58							
Owner: Mary E. Jungman. Driller: W. L. Umburn.							
Soil -----	3	3	Rock -----	1	149		
Clay, yellow -----	3	6	Shale, gray -----	11	160		
Gravel, water -----	24	30	Marl, green -----	5	165		
Rock, hard -----	2	32	Sand, green -----	65	230		
Sand -----	2	34	Shale, gray, sandy -----	10	240		
Gravel -----	9	43	Shale, gray -----	37	277		
Clay, yellow -----	27	70	Shale, hard -----	3	280		
Shale, blue, sandy -----	10	80	Shale, gray -----	19	299		
Shale, sandy -----	10	90	Rock -----	20	319		
Shale, blue -----	20	110	Shale, top gray; oil odor -----	4	323		
Rock -----	1	111	Shale -----	28	351		
Shale, sandy -----	29	140	Sand, dry -----	2	353		
Rock -----	1	141					
Shale, blue -----	7	148					
Well J-4-59							
Owner: Jungman Heirs. Driller: J. H. Lynd and A. M. Hepler.							
Surface clay and gravel	50	50	Shale, sandy -----	34	469		
Shale, brown -----	45	95	Sandstone -----	1	470		
Shale and boulders -----	58	153	Sand, oil show -----	6	476		
Rock -----	3	156	Rock -----	3	479		
Shale, sandy, and boulders -----	22	178	Shale, sandy -----	41	520		
Rock -----	1	179	Rock -----	3	523		
Shale and boulders -----	58	237	Shale and boulders -----	50	573		
Rock -----	1	238	Shale, sandy -----	27	600		
Sand, green -----	30	268	Shale, blue -----	47	647		
Rock -----	2	270	Shale and boulders -----	43	690		
Shale, gray -----	40	310	Shale, sticky -----	25	715		
Rock -----	2	312	Shale -----	61	776		
Shale, sandy -----	77	389	Rock -----	21	797		
Lime, hard -----	4	393	Shale, sticky -----	23	820		
Shale, sandy -----	27	420	Shale and boulders -----	50	870		
Shale, sand, and boulders	10	430	Shale -----	62	932		
Sandstone, hard -----	5	435	Shell bed -----	15	947		
			Shale, sticky -----	5	952		

(Continued on next page)

Table 10.- Drillers' logs of wells in Medina County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well J-4-59--continued					
Shale, sandy -----	39	991	Serpentine -----	218	1,700
Shale, sticky -----	39	1,030	Chalk -----	138	1,838
Gumbo -----	60	1,090	Shale (Eagle Ford) -----	32	1,870
Shale, sandy -----	40	1,130	Limestone (Buda) -----	72	1,942
Shale, sticky -----	60	1,190	Clay, Grayson shale (Del		
Shale and boulders -----	90	1,280	Rio) -----	73	2,015
Lime (Anacacho) -----	129	1,409	Limestone (Georgetown) --	4	2,019
Shale, gray chalk -----	73	1,482			
Well J-4-60					
Owner: Van Mangold. Driller: T. N. T. Drilling Co.					
Soil -----	4	4	Rock, hard -----	6	929
Clay -----	4	8	Serpentine, soft, chalk -	16	945
Rock -----	1	9	Serpentine, green -----	55	1,000
Clay-gravel -----	25	34	Serpentine, gumbo -----	10	1,010
Rock -----	4	38	Serpentine, chalky -----	30	1,040
Shale, gumbo and hard			Serpentine, gumbo -----	75	1,115
streaks -----	107	145	Serpentine -----	55	1,170
Shale, gumbo tough -----	30	175	Chalk, hard, streaks -----	41	1,211
Shale, gumbo -----	205	380	Chalk, very hard -----	8	1,219
Sandstone -----	1	381	Serpentine -----	12	1,231
Sandstone, gas show -----	9	390	Shale, hard, streaks and		
Shale, hard, sand streaks	60	450	serpentine -----	2	1,233
Shale, hard, gumbo -----	13	463	Shale, hard -----	27	1,260
Gumbo -----	18	481	Lime, hard -----	4	1,264
Shale, hard, sandy, and			Lime, hard, and gumbo ---	4	1,268
sandstone streaks -----	19	500	Lime, hard -----	3	1,271
Sandstone -----	4	504	Lime, hard with pyrite --	2	1,273
Shale, hard, sandy shale			Shale, hard, limey -----	7	1,280
streaks -----	61	565	Lime, hard, and pyrite --	4	1,284
Shale, hard, tough gumbo	85	650	Gumbo streaks, pyrite and		
Sand, hard with shale			serpentine -----	50	1,334
streaks -----	7	657	Lime, hard -----	20	1,354
Shale, gumbo -----	56	713	Lime, black, hard -----	6	1,360
Shale, hard -----	67	780	Serpentine, unknown -----	5	1,365
Limestone -----	84	864	Chalk, black, hard with		
Shale, hard, dry -----	59	923	flint -----	23	1,388
(Continued on next page)					

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-4-60--continued							
Chalk, hard -----	20	1,408	Limestone, black -----	3	1,593		
Chalk (Eagle Ford) and serpentine -----	18	1,426	Limestone -----	42	1,635		
Shale (Eagle Ford) -----	16	1,442	Shale, "dobey" -----	3	1,638		
Limestone (Buda) -----	30	1,472	Limestone (Edwards) -----	12	1,650		
Limestone (Buda), serpentine -----	40	1,512	Limestone, hard, dark brown -----	24	1,674		
Limestone (Buda), hard streaks and serpentine	10	1,522	Limestone, brown, hard, chert -----	15	1,689		
Clay, Grayson shale (Del Rio clay) -----	48	1,570	Limestone, hard, black flint -----	2	1,691		
Lime, hard, with gumbo - Limestone (Georgetown)	5	1,575	Limestone, hard -----	9	1,700		
and black streaks ----	15	1,590					
Well J-4-61							
Owner: J. Tschirhart. Driller: Cromwell and Cromwell.							
Soil -----	7	7	Shale, dark gray, hard, oil show -----	44	512		
Clay, yellow -----	9	16	Shale, sandy, dark gray -	8	520		
Gravel -----	11	27	Shale, blue -----	61	581		
Clay, yellow -----	22	49	Rock, hard -----	19	600		
Shale, blue -----	4	53	Shale, sandy, oil show --	11	611		
Rock, hard, blue -----	4	57	Sand, fine-grained -----	29	640		
Shale, gray -----	26	83	Clay -----	10	650		
Rock, blue, hard -----	1	84	Sand and shale -----	20	670		
Shale, gray -----	6	90	Clay, blue, hard -----	28	698		
Rock, hard, fresh water	9	99	Shale, gray, hard -----	141	839		
Shale, sandy, gray -----	165	264	Sand, hard, coarse -----	12	851		
Shale, light gray, sandy	115	379	Sand, hard, coarse and shale -----	23	874		
Shale, gray, oil show --	17	396	Sand, fine, hard -----	11	885		
Shale, gray, gas -----	14	410	Sand, coarse, and shale, oil show -----	33	918		
Rock, hard -----	2	412	Limestone, blue, with oil	1	919		
Shale, gray -----	8	420	Limestone, brown -----	3	922		
Rock, shelly -----	1	421					
Shale, dark gray -----	45	466					
Rock, hard, gas -----	2	468					
(Continued on next page)							

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well J-4-61--continued				
Limestone, chalky, gas -	13	935	Chalk (Austin) -----	73 1,118
Limestone, brown -----	21	956	Limestone, gray, hard ---	55 1,173
Limestone, white, hard,			Chalk, hard -----	97 1,270
chalky -----	4	960	Limestone, sandy, hard --	25 1,295
Limestone, sandy, hard,			Shale, hard -----	28 1,323
with water -----	5	965	Limestone (Buda) -----	81 1,404
Limestone, white, chalky,			Clay, Grayson shale (Del	
hard -----	35	1,000	Rio clay) -----	40 1,444
Shale, gray, and sand --	29	1,029	Limestone (Edwards),	
Shale, dark gray, sandy	16	1,045	contains water -----	16 1,460
Well J-4-62				
Owner: F. Mangold. Driller: Pearson Oil Co.				
Clay, sandy -----	53	53	Shale and sand, green ---	69 282
Sand, white -----	3	56	Lime, gray shale -----	42 324
Clay, yellow, sandy ----	29	85	Shale, blue -----	32 356
Sand, fresh water -----	5	90	Sand, salty water -----	4 360
Shale, rock -----	123	213		
Well J-4-63				
Owner: Medina Farms, Inc. Driller: Chas. E. Wagener.				
Soil -----	2	2	Shale, gray -----	16 128
Gravel -----	3	5	Sand, green -----	64 192
Clay, yellow -----	51	56	Shale, gray, hard -----	111 303
Rock -----	1	57	Sand, oil show -----	7 310
Shale, blue -----	55	112		
Well J-4-64				
Owner: San Antonio Trust Co. Driller: Schermerhorn Oil Co.				
Soil -----	21	21	Rock -----	2 42
Sand and clay -----	19	40	Sand and clay -----	31 73
(Continued on next page)				

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-4-64--continued							
Rock -----	1	74	Gumbo -----	7	717		
Sand and clay -----	36	110	Shale, sandy -----	18	735		
Rock, hard -----	2	112	Shale, gummy -----	5	740		
Sand and clay -----	18	130	Shale and boulders -----	35	775		
Sandstone, hard -----	7	137	Shale, sandy -----	25	800		
Sand and clay -----	11	148	Shale -----	50	850		
Sandstone -----	3	151	Shale and boulders -----	45	895		
Shale -----	59	210	Shale, sandy -----	30	925		
Lignite -----	1	211	Lime, sandy -----	8	933		
Rock, hard -----	2	213	Lime, broken -----	5	938		
Shale -----	46	259	Shale, sticky and gumbo -	16	954		
Rock -----	4	263	Gumbo, hard -----	43	997		
Shale -----	17	280	Shale, sticky and gumbo -	45	1,042		
Gumbo -----	20	300	Gumbo, hard -----	20	1,062		
Shale, gummy -----	20	320	Shale, gummy -----	30	1,092		
Rock -----	5	325	Gumbo -----	8	1,100		
Shale -----	75	400	Shale, gummy -----	6	1,106		
Rock -----	2	402	Gumbo and gypsum -----	38	1,144		
Shale -----	33	435	Gumbo -----	20	1,164		
Shale and boulders -----	28	463	Gumbo and shale, sticky -	44	1,208		
Shale -----	12	475	Gumbo -----	41	1,249		
Sandstone -----	2	477	Shale, gummy -----	38	1,287		
Shale and boulders -----	26	503	Shale -----	38	1,325		
Limestone, hard -----	4	507	Chalk, rock -----	81	1,406		
Shale and boulders -----	23	530	Chalk, rock, sand, oil --	30	1,436		
Limestone -----	1	531	Shale -----	85	1,521		
Shale and boulders -----	44	575	Clay -----	10	1,531		
Shale -----	15	590	Shale, hard -----	7	1,538		
Gumbo -----	10	600	Limestone, hard -----	35	1,573		
Shale, hard -----	40	640	Shale, sticky -----	1	1,574		
Shale and boulders -----	35	675	Gumbo, hard -----	4	1,578		
Shale -----	25	700	Limestone (Edwards) -----	41	1,619		
Shale and boulders -----	10	710					
Well J-4-67							
Owner: Mary Jungman. Driller: Chacon Oil Co.							
Soil, dark -----	5	5	Gravel and clay -----	7	29		
Sand, yellow -----	4	9	Sand, black, white -----	5	34		
Sandstone, gray -----	13	22	Sand and shale -----	7	41		
(Continued on next page)							

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-4-67--continued							
Gypsum and shale -----	2	43	Shale, gummy, and gypsum	13	273		
Sandstone -----	2	45	Rock with pyrite -----	3	276		
Sand, gray -----	3	48	Shale, sandy -----	3	279		
Sand and shale, shale			Shale, gummy -----	15	294		
gray -----	3	51	Shale, sandy, fossils ---	13	307		
Sand, gray, coarse -----	2	53	Shale and lenses -----	4	311		
Shale, boulders, and sand			Rock -----	1	312		
stringers -----	23	76	Shale and limestone -----	4	316		
Sand, coarse -----	2	78	Lime, pyrite, fossils ---	11	327		
Shale, sandy -----	11	89	Shale, gummy and sand,				
Shale -----	9	98	lenses -----	13	340		
Shale, marly -----	4	102	Shale, boulders -----	15	355		
Sandstone -----	5	107	Rock -----	1	356		
Sand with pyrite -----	2	109	Shale -----	10	366		
Sand, glauconitic -----	3	112	Rock -----	1	367		
Sand, "salt and pepper",			Shale, gummy -----	4	371		
fossils -----	11	123	Rock -----	1	372		
Shale, sandy, with			Shale, gummy -----	29	401		
pyrite -----	4	127	Rock -----	1	402		
Lime rock -----	2	129	Shale -----	5	407		
Shale, sandy, with			Shale, gummy -----	7	414		
pyrite -----	11	140	Rock -----	1	415		
Shale, sandy, glauconitic	13	153	Shale and sand -----	54	469		
Rock -----	1	154	Rock -----	2	471		
Shale, sandy, glauconitic	14	168	Shale and sand -----	3	474		
Rock -----	3	171	Rock -----	6	480		
Sand, gray, glauconic --	14	185	Shale, dry -----	3	483		
Shale, sandy, fossils --	35	220	Rock -----	5	488		
Shale, sandy -----	12	232	Shale, gray -----	3	491		
Rock with pyrite -----	3	235	Shale, gummy -----	1	492		
Shale, gummy and gypsum	7	242	Rock -----	1	493		
Shale -----	5	247	Sand -----	4	497		
Shale, gummy, and gypsum	9	256	Shale, sandy -----	42	539		
Rock -----	1	257	Shale, gummy, with sand				
Shale -----	2	259	lenses -----	32	571		
Rock -----	1	260					

Table 10.- Drillers' logs of wells in Medina County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well J-4-69					
Owner: John T. Kirby. Driller: W. Lancaster.					
Soil -----	6	6	Rock, yellow -----	26	72
Clay -----	9	15	Shale, gray, sandy -----	12	84
Caliche -----	7	22	Shale, gray -----	16	100
Caliche and flint rock, water -----	6	28	Lime, light -----	4	104
Soapstone -----	8	36	Shale, gray, sandy -----	11	115
Sandstone, water (bad taste) -----	5	41	Shale, sandy, dark -----	15	130
Flint rock -----	5	46	Shale, gumbo -----	9	139
			Sand, water -----	9	148
Well J-4-70					
Owner: San Antonio Trust Co. Driller: Schermerhorn Oil Co.					
Soil -----	8	8	Shale, sandy -----	15	536
Rock -----	1	9	Rock -----	3	539
Sand, clay, and gravel -	23	32	Shale, sand, and boulders	26	565
Clay and sand -----	43	75	Rock -----	4	569
Clay, sand, and gravel -	43	118	Shale, hard -----	21	590
Rock -----	1	119	Shale, sand, and boulders	17	607
Sand and clay -----	36	155	Shale and boulders, sticky	25	632
Shale and boulders -----	15	170	Gumbo -----	24	656
Sand and shale -----	15	185	Shale and boulders -----	58	714
Sand rock -----	2	187	Rock -----	1	715
Shale, sandy -----	33	220	Shale and boulders -----	126	841
Rock -----	124	344	Shale, sandy -----	37	878
Shale and boulders -----	1	345	Rock -----	1	879
Rock -----	26	371	Shale and boulders -----	92	971
Shale, sandy -----	24	395	Shale, hard with very hard boulders -----	83	1,054
Shale, sticky -----	20	415	Rock -----	1	1,055
Rock -----	5	420	Shale and boulders, boulders sandy -----	20	1,075
Shale and boulders -----	22	442	Rock -----	1	1,076
Sand and boulders -----	15	457	Shale, sandy -----	5	1,081
Rock -----	4	461	Shale, hard -----	39	1,120
Shale and boulders -----	38	499	Shale with sand streaks -	196	1,316
Rock -----	1	500			
Shale and boulders -----	21	521			

(Continued on next page)

Table 10.-Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-4-70--continued							
Shale, sand, and chalk	30	1,346	Chalk, shale breaks -----	51	1,489		
Chalk -----	58	1,404	Shale -----	56	1,545		
Shale -----	2	1,406	Shale with lime streaks -	35	1,580		
Chalk, broken -----	13	1,419	Clay -----	12	1,592		
Shale, sand, and chalk -	19	1,438	Lime, hard -----	5	1,597		
Well J-4-78							
Owner: Yancy Russell. Driller: F. M. Burkett.							
Soil, black, sandy -----	3	3	Lignite -----	5	74		
Clay, yellow -----	25	28	Clay, blue -----	36	110		
Water, strong salt -----	2	30	Sand, water -----	5	115		
Clay, yellow -----	30	60	Clay, blue -----	3	118		
Gravel, salt water -----	7	67	Sand, water -----	22	140		
Clay, yellow -----	2	69					
Well J-4-80							
Owner: S. E. Schaefer. Driller: F. M. Burkett.							
Soil, yellow, sandy -----	2	2	Sand and gravel, water --	8	68		
Clay, yellow -----	16	18	Clay -----	12	80		
Water (seep) -----	10	28	Sand, water -----	62	142		
Clay, yellow -----	32	60					
Well J-4-102							
Owner: M. A. Keller. Driller: Grayburg Oil Co.							
Soil and clay -----	24	24	Sandstone -----	2	106		
Caliche -----	7	31	Shale -----	26	132		
Shale -----	34	65	Sand -----	36	168		
Sandstone -----	3	68	Shale -----	46	214		
Shale -----	36	104	Rock -----	3	217		
(Continued on next page)							

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-4-102--continued							
Shale -----	63	280	Shale, green sandy -----	14	1,040		
Sandstone -----	7	287	Clay -----	30	1,070		
Shale -----	31	318	Shale, sandy -----	12	1,082		
Siltstone -----	14	332	Sandstone, green hard;				
Shale, hard -----	14	346	oil show -----	2	1,084		
Shale and sandstone ----	64	410	Shale, green, sandy -----	50	1,134		
Shale, brown -----	85	495	Clay -----	12	1,146		
Rock -----	3	498	Sand, brown, oil -----	20	1,166		
Shale, brown and hard			Sandstone, green hard ---	20	1,186		
sandstone -----	52	550	Clay, green -----	66	1,252		
Shale, brown -----	10	560	Sandstone, hard -----	8	1,260		
Limestone, sandy -----	4	564	Shale and clay -----	70	1,330		
Shale, brown -----	6	570	Shale, brown -----	92	1,422		
Sandstone, hard, green -	45	615	Shale, hard, sandy with				
Shale, brown, hard -----	165	780	black limestone -----	63	1,485		
Shale, dark-gray -----	58	838	Shale, black -----	35	1,520		
Shale, brown, hard			Limestone, hard -----	24	1,544		
sandy -----	2	840	Chalk, light-gray -----	371	1,915		
Shale, green -----	70	910	Shale -----	67	1,982		
Sand, green, glauconitic	2	912	Chalk -----	93	2,075		
Shale, brown, sandy ----	5	917	Shale, black -----	40	2,115		
Shale, black, hard, oil			Limestone, hard -----	63	2,178		
show -----	21	938	Clay, sticky -----	80	2,258		
Shale, hard, sandy ----	32	970	Limestone -----	30	2,288		
Shale, hard with black			Shale, soft -----	2	2,290		
layers -----	34	1,004	Limestone (Edwards) ----	82	2,372		
Shale, black, sandy ----	22	1,026					
Well J-7-1							
Owner: J. R. Howard. Driller: National Oil Co.							
Soil, black -----	3	3	Sandstone -----	11	76		
Sand, yellow -----	13	16	Sand -----	8	84		
Sandstone -----	12	28	Sandstone -----	2	86		
Clay -----	9	37	Shale, black -----	16	102		
Sandstone -----	7	44	Sandstone -----	2	104		
Sand, green -----	14	58	Sand, green -----	22	126		
Shale, -----	6	64	Pyrite and rock -----	1	127		
Sandstone, hard -----	1	65	Sand, white -----	13	140		
(Continued on next page)							

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-7-1--continued							
Sandstone -----	2	142	Shale -----	19	681		
Sand, green -----	18	160	Limestone -----	2	683		
Sandstone -----	5	165	Shale -----	5	688		
Sand, white -----	38	203	Limestone -----	2	690		
Lignite -----	2	205	Shale -----	4	694		
Pyrite and rock -----	1	206	Limestone -----	3	697		
Lignite -----	18	224	Shale, boulders -----	8	705		
Pyrite and rock -----	2	226	Limestone -----	4	709		
Sand, white -----	14	240	Shale -----	22	731		
Pyrite, rock -----	6	246	Shale, sandy -----	14	745		
Sand, white -----	19	265	Limestone -----	2	747		
Sandstone -----	2	267	Shale, boulders -----	16	763		
Sand, packed -----	33	300	Shale, pyrite -----	61	824		
Lignite -----	3	303	Limestone -----	3	827		
Sand, white -----	21	324	Shale, sandy -----	27	854		
Pyrite, rock -----	4	328	Shale, sticky -----	32	886		
Shale -----	17	345	Limestone -----	2	888		
Lignite -----	5	350	Shale, sandy -----	32	920		
Sand and shale -----	50	400	Sandstone -----	1	921		
Marl, green -----	10	410	Shale, hard -----	30	951		
Limestone -----	2	412	Shale, sandy, oil show --	70	1,021		
Shale, brown -----	3	415	Shale, sticky -----	29	1,050		
Sandstone, lime -----	8	423	Limestone -----	2	1,052		
Shale, sandy -----	5	428	Shale, sticky -----	78	1,130		
Pyrite, rock -----	1	429	Shale, sandy -----	17	1,147		
Shale -----	5	434	Gumbo -----	18	1,165		
Limestone -----	1	435	Shale -----	49	1,214		
Marl and sand -----	40	475	Gumbo -----	10	1,224		
Sandstone -----	2	477	Limestone -----	2	1,226		
Marl and sand -----	8	485	Shale, sticky -----	22	1,248		
Shale, sticky -----	41	526	Limestone, sandy -----	32	1,280		
Sand, green with show of oil -----	4	530	Sandstone -----	40	1,320		
Shale -----	11	541	Shale, sticky -----	6	1,326		
Sandstone -----	5	546	Sand, hard -----	59	1,385		
Sand and shale -----	19	565	Shale, sandy, hard -----	91	1,476		
Sandstone -----	3	568	Gumbo -----	49	1,525		
Shale, sandy -----	32	600	Shale, sandy -----	15	1,540		
Limestone, shell -----	11	611	Shale -----	70	1,610		
Shale, sandy -----	11	622	Sand, oil show -----	35	1,645		
Limestone -----	2	624	Shale -----	18	1,663		
Shale, boulders -----	36	660	Limestone and shale -----	207	1,870		
Limestone -----	2	662	Shale and limestone -----	37	1,907		
			Chalk, (Austin) -----	265	2,172		

(Continued on next page)

Table 10.- Drillers' logs of wells in Medina County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well J-7-1--continued					
Shale, (Eagle Ford) ----	48	2,220	Limestone (Edwards),		
Limestone (Buda) -----	90	2,310	fresh water -----	126	2,580
Clay, Grayson shale (Del			Limestone, black first --	14	2,594
Rio clay) -----	66	2,376	Limestone, brown -----	2	2,596
Limestone (Georgetown) -	58	2,434	Limestone, flint -----	37	2,633
Limestone (Edwards) ----	20	2,454			
Well J-7-16					
Owner: Flora H. Briscoe. Driller: Kelfar Oil Co.					
Surface sand and clay --	29	29	Sand and shale -----	20	635
Sand, hard -----	14	43	Rock -----	45	680
Clay, sandy -----	35	78	Shale and sand, sand		
Sand, water -----	14	92	coarse -----	5	685
Sand and clay -----	56	148	Rock -----	8	693
Rock, hard -----	24	172	Shale, hard -----	7	700
Sand and clay, clay red	34	206	Rock -----	2	702
Sand and shale, shale			Shale, hard -----	8	710
dark -----	79	285	Boulders and shale, shale		
Rock, hard with shale			sticky -----	20	730
streaks -----	17	302	Shale, sticky -----	53	783
Shale, brown -----	28	330	Sand, hard -----	12	795
Rock, hard -----	4	334	Shale, sandy, hard -----	25	820
Shale, hard, sandy -----	68	402	Shale and lime, lime		
Shale, sandy -----	26	428	broken -----	55	875
Rock -----	4	432	Shale -----	5	880
Shale, hard, sandy -----	84	516	Lime -----	62	942
Rock -----	1	517	Shale -----	8	950
Shale and lignite -----	6	523	Shale, sticky -----	23	973
Shale and boulders -----	26	549	Shell and shale -----	41	1,014
Boulders and shale,			Shale, sticky -----	16	1,030
shale sticky -----	24	573	Shale, sandy -----	40	1,070
Rock -----	1	574	Shale and boulders -----	55	1,125
Shale, sandy -----	3	577	Shale and lime, lime hard	127	1,252
Rock -----	7	584	Shale with lime streaks -	148	1,400
Sand and shale -----	6	590	Shale and lime, lime hard	191	1,591
Shale -----	22	612	Shale, sticky -----	14	1,605
Rock -----	3	615	Shale, sandy -----	1	1,606

(Continued on next page)

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-7-16--continued							
Shale, sand -----	6	1,612	Lime, hard -----	44	2,137		
Sand and shale, no odor or color -----	5	1,617	Lime, dark -----	44	2,181		
Sand, shale, and lime --	12	1,629	Lime, white -----	26	2,207		
Shale, hard -----	171	1,800	Lime, dark -----	7	2,214		
Shale, sticky -----	25	1,825	Lime, hard -----	52	2,266		
Shale, brittle -----	8	1,833	Lime, gummy -----	4	2,270		
Shale -----	196	2,029	Lime, hard -----	23	2,293		
Shell, hard -----	1	2,030	Lime, broken, with sticky streaks -----	66	2,359		
Sand -----	1	2,031	Lime -----	12	2,371		
Shale, sandy and ash streaks -----	26	2,057	Chalk, very hard -----	17	2,388		
Shale -----	36	2,093	Chalk, hard -----	89	2,477		
			Chalk -----	46	2,523		

Well J-7-20

Owner: City of Devine. Driller: A. F. Mann.

Surface sand -----	3	3	Sand, dark -----	117	447		
Sand, reddish -----	52	55	Shale (Navarro) -----	24	471		
Sand, yellow -----	75	130	Sand rock, white, hard --	1	472		
Sand, white -----	47	177	Sand, white, soft -----	59	531		
Sand, rock -----	52	229	Sand rock, white, hard --	4	535		
Sand, white -----	91	320	Sand, white, soft -----	58	593		
Sand, yellow -----	10	330	Shale, sandy -----	20	613		

Well J-7-26

Owner: W. A. Thompson. Driller: J. R. McCaldin.

Sand -----	210	210	Shale, brown -----	28	330		
Shale, brown -----	38	248	Rock -----	4	334		
Rock -----	1	249	Shale -----	10	344		
Shale and sand -----	19	268	Gumbo -----	6	350		
Rock -----	2	270	Shale -----	15	365		
Sand -----	16	286	Rock -----	1	366		
Gumbo -----	8	294	Shale -----	4	370		
Rock -----	8	302	Rock -----	2	372		

(Continued on next page)

Table 10. Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-7-26--continued							
Shale -----	13	385	Lime -----	2	1,117		
Rock -----	3	388	Shale -----	5	1,122		
Shale -----	7	395	Lime -----	4	1,126		
Rock -----	5	400	Shale streaked with lime, sandy with pyrite -----	13	1,139		
Shale -----	26	426	Shale and boulders -----	112	1,251		
Sand, packed. gas show -	7	433	Rock -----	2	1,253		
Rock -----	5	438	Shale and boulders -----	142	1,395		
Shale, sandy -----	12	450	Gumbo -----	8	1,403		
Gumbo -----	15	465	Shale and boulders -----	167	1,570		
Shale -----	40	505	Gumbo -----	15	1,585		
Rock -----	6	511	Shale and lime, streaks -	22	1,607		
Shale and boulders -----	36	547	Lime -----	13	1,620		
Rock -----	1	548	Gumbo -----	10	1,630		
Shale -----	7	555	Shale, hard -----	10	1,640		
Rock -----	10	565	Shale -----	10	1,650		
Shale and sand, streaks	50	615	Gumbo -----	15	1,665		
Gumbo -----	49	664	Shale and boulders -----	47	1,712		
Shale, gummy and sandy with boulders -----	51	715	Shale, sandy, gas show --	18	1,730		
Gumbo -----	15	730	Shale, gummy -----	20	1,750		
Shale -----	35	765	Lime, hard -----	14	1,764		
Gumbo -----	10	775	Shale and sand, streaks -	72	1,836		
Rock -----	4	779	Shale, sandy -----	13	1,849		
Shale -----	27	806	Gumbo -----	11	1,860		
Rock -----	2	808	Shale -----	65	1,925		
Shale -----	48	856	Gumbo -----	50	1,975		
Rock -----	5	861	Shale, gummy -----	49	2,024		
Gumbo -----	4	865	Shale, sandy and lime streaks -----	30	2,054		
Rock -----	7	872	Shale, gummy, with boulders -----	81	2,135		
Shale -----	8	880	Lime with gummy streaks -	253	2,388		
Shale and lime, lime broken -----	25	905	Lime, hard, chalk (Austin)	222	2,610		
Shale -----	49	954	Shale (Eagle Ford) -----	34	2,644		
Rock -----	8	962	Limestone (Buda), hard --	146	2,790		
Shale -----	23	985	Clay, Grayson shale (Del Rio clay) -----	53	2,843		
Gumbo -----	10	995	Limestone (Georgetown) --	65	2,908		
Boulders and shale, shale green -----	83	1,078	Limestone (Edwards) -----	104	3,012		
Lime -----	1	1,079					
Shale and boulders -----	36	1,115					

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-7-28							
Owner: R. W. Foster. Driller: Edwill Oil Company.							
Top soil -----	3	3	Shale -----	54	904		
Clay and gravel -----	32	35	Shale, gray and boulders	4	908		
Clay, red -----	5	40	Shale, gray, hard -----	94	1,002		
Sand, dry -----	120	160	Rock -----	8	1,010		
Sandstone -----	2	162	Sand, blue -----	2	1,012		
Sand, white -----	8	170	Shale, sticky -----	28	1,040		
Sand, blue -----	31	201	Shale, blue -----	22	1,062		
Sandstone -----	3	204	Shale, gray -----	73	1,135		
Sand, blue, water -----	16	220	Rock -----	80	1,215		
Shale, sandy -----	190	410	Boulders and shale, gray	2	1,217		
Sandstone -----	8	418	Rock -----	359	1,576		
Sand, gray -----	15	433	Shale and boulders -----	5	1,581		
Shale, blue -----	7	440	Shale, gray -----	19	1,600		
Lignite coal -----	6	446	Shale, sandy -----	38	1,638		
Shale, gray -----	14	460	Shale, sticky -----	34	1,672		
Sandstone -----	6	466	Shale -----	29	1,701		
Shale, sticky -----	49	515	Rock -----	11	1,712		
Sand and rock -----	5	520	Shale, gray -----	2	1,714		
Sand, gray -----	15	535	Shale, sandy -----	173	1,887		
Shale, gray -----	15	550	Shale -----	3	1,890		
Rock -----	6	556	Shale, sticky -----	100	1,990		
Sand, gray -----	12	568	No record -----	34	2,024		
Lignite coal -----	7	575	Shale, sandy -----	1	2,025		
Shale, gray -----	125	700	Shale, salt, and sand ---	29	2,054		
Shale -----	14	714	Rock -----	10	2,064		
Shale and serpentine ---	32	746	Chalk -----	176	2,240		
Shale and boulders -----	59	805	Shale -----	20	2,260		
Shale, sand and rock ---	12	817	Limestone (Buda)-----	15	2,275		
Shale, green -----	33	850					
Well J-7-38							
Owner: W. Adams. Driller: J. C. Webster Oil & Gas Co.							
Surface sand -----	4	4	Gravel -----	13	36		
Gravel -----	4	8	Sand, yellow -----	19	55		
Sand, red -----	15	23	Sand, gray -----	20	75		
(Continued on next page)							

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-7-38--continued							
Sand, white	18	93	Marl, sand, and limestone	35	840		
Sand, white, water	32	125	Sand, rock, hard	4	844		
Sand, hard packed	10	135	Marl, sand, shale, and				
Sand, gray, water	9	144	limestone	57	901		
Sand rock, gray	7	151	Shale and boulders	19	920		
Sand, gray	24	175	Sand rock	4	924		
Sand, pack	10	185	Shale	6	930		
Shale, sand	15	200	Lime, shale, and rock	3	933		
Sand, white, water	56	256	Sand, water	9	942		
Rock and sand, rock hard	7	263	Lime, shale, and rock	8	950		
Lignite	3	266	Sand and shale	15	965		
Sand	19	285	Lime rock	2	967		
Sand rock	9	294	Shale, sticky	17	984		
Sand boulders	22	316	Lime rock	5	989		
Rock, hard	8	324	Shale	23	1,012		
Shale, brown	26	350	Lime and shale rock	3	1,015		
Rock	6	356	Shale, hard	5	1,020		
Shale, brown	8	364	Lime and sand rock	3	1,023		
Pyrite	3	367	Shale	12	1,035		
Sand, gray	12	379	Lime and shale rock	3	1,038		
Shale, brown	6	385	Shale	7	1,045		
Lime rock	7	392	Lime rock	2	1,047		
Shale, sandy	8	400	Shale and boulders	9	1,056		
Lime rock	2	402	Lime and shale rock	3	1,059		
Sand and boulders	46	448	Shale, sandy	11	1,070		
Pyrite	2	450	Shale, gray	44	1,114		
Sand, gray	21	471	Lime rock	4	1,118		
Sand with pyrite	5	476	Shale, sticky	6	1,124		
Sand and boulders	64	540	Pyrite	2	1,126		
Lignite	3	543	Shale and boulders	10	1,136		
Sand rock	79	622	Lime rock	3	1,139		
Pyrite	6	628	Shale and boulders	11	1,150		
Sand and boulders, sand			Lime rock	3	1,153		
gray, water	58	686	Shale	10	1,163		
Gumbo	12	698	Shale, rock, and boulders	81	1,244		
Sand and shale	17	715	Shale, gray	62	1,306		
Pyrite rock	3	718	Shale, rock, and boulders	49	1,355		
Shale and boulders	15	733	Gumbo	55	1,410		
Shale with pyrite	5	738	Shale and boulders	50	1,460		
Shale and boulders	19	757	Lime rock	1	1,461		
Shale	48	805	Gumbo and shale, streaks	74	1,535		

(Continued on next page)

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-7-38--continued							
Rock -----	1	1,536	Shale, sandy -----	20	2,160		
Shale, sticky -----	34	1,570	Shale, oil -----	0.5	2,160.50		
Shale, oil show -----	12	1,582	Shale, sandy -----	19.5	2,180		
Gumbo -----	23	1,605	Shale, sticky -----	32	2,212		
Shale, sandy, gas and oil odor -----	7	1,612	Lime (Anacacho) -----	68	2,280		
Shale, streaks -----	95	1,667	Lime, hard -----	14	2,294		
Lime, sandy -----	14	1,681	Lime, hard streaks and shale, sticky -----	146	2,440		
Gumbo -----	61	1,742	Shale, hard, gas odor ---	10	2,450		
Sand, hard, no odor ----	13	1,755	Shale and lime, hard ----	40	2,490		
Hard cap -----	1	1,756	Chalk (Austin) top -----	10	2,500		
Sand -----	4	1,760	Chalk (Austin) with glauconite, gas and oil, odor strong -----	26	2,526		
Sand, salt taste -----	22	1,782	Chalk (Austin) with pyrite and flint -----	208	2,734		
Gumbo -----	53	1,835	Shale (Eagle Ford), oil odor -----	57	2,791		
Sand rock -----	1	1,836	Lime (Buda), oil show ---	24	2,815		
Sand, salt water -----	4	1,840	Lime (Buda) -----	67	2,882		
Sand and shale rock ----	2	1,842	Pyrite, solid -----	52	2,934		
Sand, hard -----	2	1,844	Clay, Grayson shale (Del Rio clay) -----	5	2,939		
Sand and shale streaks -	4	1,848	Lime (Georgetown) -----	69	3,008		
Shale, sandy -----	32	1,880	Dobie -----	20	3,028		
Sand, dry -----	14	1,894	Lime (Edwards) -----	45	3,073		
Shale, sandy -----	18	1,912	Limestone (Edwards) crevice dry -----	1	3,074		
Lime rock -----	1	1,913					
Shale, sandy -----	15	1,928					
Gumbo -----	44	1,972					
Shale -----	23	1,995					
Gumbo -----	85	2,080					
Shale, hard -----	18	2,098					
Shale, sticky -----	42	2,140					
Well J-7-40							
Owner: W. Adams. Driller: Donaldson Oil Company.							
Surface sand -----	7	7	Sand, packed -----	33	128		
Sand rock, soft -----	3	10	Sand, green -----	28	156		
Sand, thin layers of clay	40	50	Rock, sand -----	4	160		
Sand, red -----	25	75	Sand, layered -----	34	194		
Sand, white -----	20	95	Shale, red, sandy -----	12	206		
(Continued on next page)							

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-7-40--continued							
Rock, hard -----	5	211	Gumbo -----	15	1,599		
Boulders, shale -----	26	237	Gumbo and shale, layered	79	1,678		
Rock -----	2	239	Lime, broken, green sand,				
Gumbo and lignite streaks	14	253	gas -----	17	1,695		
Sand, green, lignite -----	37	290	Shale -----	15	1,710		
Rock -----	2	292	Shale, streaks, gumbo,				
Boulders and sand, green	109	401	oil show -----	82	1,792		
Rock -----	5	406	Lime rock -----	2	1,794		
Boulders and sand, green	247	653	Sand, green -----	2	1,796		
Shale, gummy -----	37	690	Sand, streaks of shale --	44	1,840		
Rock -----	5	695	Gumbo, thin streaks of				
Sand, green, shale			sand -----	25	1,865		
streaks -----	55	750	Lime rock -----	3	1,868		
Rock, pyrite -----	1	751	Gumbo, streaks of sand,				
Sand, green -----	59	810	green -----	25	1,893		
Rock -----	63	873	Lime rock -----	1	1,894		
Shale, lignite -----	10	883	Sand, green -----	5	1,899		
Sand and boulders -----	16	899	Sand, streaks of gumbo --	19	1,918		
Rocky pyrite -----	5	904	Gumbo rock, sand layered	79	1,997		
Boulders, gummy shale --	96	1,000	Gumbo -----	23	2,020		
Gummy, tough blue -----	11	1,011	Sand and shale, thin				
Gumbo, streaks of shale	18	1,029	streaks, strong gas ---	43	2,063		
Rock -----	4	1,033	Gumbo -----	17	2,080		
Shale and shells -----	15	1,048	Limestone -----	180	2,260		
Rock -----	1	1,049	Sand, hard with shale				
Sand rock -----	82	1,131	streaks, oil show -----	270	2,530		
Shale and shells -----	143	1,274	Chalk (Austin), oil show	265	2,795		
Gumbo -----	30	1,304	Shale (Eagle Ford) -----	55	2,850		
Shale, sandy -----	5	1,309	Limestone (Buda) -----	70	2,920		
Gumbo -----	18	1,327	Clay, Grayson shale (Del				
Rock -----	3	1,330	Rio clay) -----	52	2,972		
Gumbo, shale, layers of			Limestone (Georgetown) --	36	3,008		
lime -----	253	1,583	Limestone (Edwards) -----	117	3,125		
Rock -----	1	1,584					

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-7-48							
Owner: W. McMenery. Driller: W. C. Campbell.							
Rock and pyrite -----	914	914	Shale, sticky, few boulders -----	132	1,985		
Shale -----	11	925	Shale, hard -----	25	2,010		
Sand, hard -----	16	941	Shale, sticky -----	60	2,070		
Shale -----	17	958	Sand -----	17	2,087		
Shale and sand, hard ---	80	1,038	Sand, hard -----	18	2,105		
Lime, hard -----	2	1,039	Sand -----	35	2,140		
Shale -----	7	1,046	Sand and lime, lime hard	43	2,183		
Lime, hard -----	2	1,048	Shale, hard, sticky and streaks of sandy shale	65	2,248		
Shale, hard -----	4	1,052	Shale, sticky and sandy -	146	2,394		
Shale, sandy -----	108	1,160	Shale and lime, shale sticky, lime sandy ----	141	2,535		
Sand, green -----	30	1,190	Limestone -----	45	2,580		
Shale, sandy -----	22	1,212	Lime, hard -----	5	2,585		
Lime and boulders -----	14	1,226	Lime, hard, broken -----	31	2,616		
Shale, lime, and boulders	34	1,260	Lime, broken -----	22	2,638		
Shale bed -----	10	1,270	Shale and limestone -----	35	2,673		
Shale with hard boulders	6	1,276	Lime, broken -----	18	2,691		
Shale and boulders -----	57	1,333	Shale and lime, sticky and broken -----	56	2,747		
Shale, lime and shells -	122	1,455	Lime, broken -----	70	2,817		
Limestone -----	7	1,462	Chalk (Austin) -----	81	2,898		
Shale and boulders -----	222	1,684					
Shale, hard -----	56	1,740					
Shale, sticky -----	47	1,787					
Shale -----	66	1,853					
Well J-7-52							
Owner: Mary Blatz. Driller: Lewis Production Co.							
Surface soil -----	10	10	Boulders, shale, sandy---	117	967		
Clay -----	5	15	Shale and sand, shale sandy, sand hard, rock streaks -----	151	1,118		
Sand -----	325	340	Sand and shale -----	263	1,381		
Shale -----	5	345	Boulder, hard sandy shale	132	1,513		
Sand, rock, hard -----	1	346	Shale -----	17	1,530		
Shale -----	8	354	Shale, sandy -----	75	1,605		
Rock -----	3	357	Shale, sandy with shells	19	1,624		
Shale -----	33	390					
Shale, sandy -----	460	850					

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Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well J-7-52--continued			
Shale, sandy -----	96 1,720	Boulders, sand and shale	30 2,210
Shale -----	140 1,860	Shale, sandy -----	40 2,250
Shale, sandy -----	121 1,981	Shale, hard -----	208 2,458
Sand, oil -----	2 1,983	Shale -----	22 2,480
Sand, hard -----	2 1,985	Marl, hard -----	33 2,513
Sand, shaley -----	2 1,987	Lime and marl, marl hard	130 2,643
Sand, no odor -----	3 1,990	Lime -----	62 2,705
Shale -----	5 1,995	Lime and shale, shale	
Shale, sandy -----	8 2,003	hard -----	67 2,772
Shale -----	16 2,019	Lime chalk, hard -----	3 2,775
Shale and sand -----	40 2,059	Lime chalk -----	131 2,906
Sand, oil show -----	8 2,067	Shale -----	94 3,000
Shale, sandy -----	15 2,082	Shale (Eagle Ford) -----	25 3,025
Shale -----	26 2,108	Limestone (Buda) -----	62 3,087
Sand, oil -----	4 2,112	Shale, Grayson shale,	
Sandstone, hard -----	2 2,114	(Del Rio clay) -----	88 2,175
Sand and shale -----	40 2,154	Limestone (Georgetown) --	52 3,227
Shale, sandy -----	26 2,180	Limestone (Edwards) -----	11 3,238
Well J-7-62			
Owner: I. & G. N. RR.			
Clay -----	18 18	Gumbo -----	69 449
Sand, gravel, and clay -	91 109	Sandstone -----	29 478
Sandstone -----	7 116	Gumbo -----	17 495
Clay -----	6 122	Sandstone -----	9 504
Sandstone with pyrite --	2 124	Gumbo -----	38 542
Sand and gravel -----	8 132	Sandstone -----	8 550
Soapstone -----	2 134	Gumbo -----	51 601
Gumbo -----	33 167	Shale -----	22 623
Sand with pyrite -----	5 172	Sandstone -----	2 625
Sand, packed -----	37 209	Gumbo and boulders -----	37 662
Gumbo and boulders -----	48 257	Gumbo -----	71 733
Sandstone, soft -----	52 309	Sandstone -----	25 758
Gumbo and boulders -----	7 316	Shale -----	31 789
Sand, packed -----	10 326	Gumbo -----	15 804
Gumbo and boulders -----	42 368	Limestone -----	7 811
Sand -----	12 380	Sand and boulders -----	11 822

(Continued on next page)

Table 10.- Drillers' logs of wells in Medina County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well J-7-62--continued							
Limestone -----	7	829	Gumbo -----	616	1,864		
Gumbo -----	6	835	Shale, lime and boulders	50	1,914		
Sand -----	7	842	Gumbo -----	88	2,002		
Shale -----	6	848	Sand and shale -----	40	2,042		
Gumbo and boulders -----	72	920	Lime and shale -----	33	2,075		
Limestone -----	6	926	Shale, gummy -----	10	2,085		
Gumbo and boulders -----	62	988	Gumbo -----	6	2,091		
Limestone -----	4	992	Limestone -----	4	2,095		
Gumbo and boulders -----	48	1,040	Shale, hard -----	18	2,113		
Shale and boulders -----	14	1,054	Shale, lime and boulders	37	2,150		
Gumbo and boulders -----	49	1,103	Shale, hard -----	10	2,160		
Shale and boulders -----	31	1,134	Sand -----	27	2,187		
Shale -----	9	1,143	Shale -----	5	2,192		
Gumbo -----	81	1,224	Sand -----	8	2,200		
Limestone -----	2	1,226	Shale and boulders -----	187	2,387		
Gumbo and boulders and lime -----	22	1,248	Chalk (Austin) -----	66	2,453		
Well J-8-3							
Owner: W. S. Lilly. Driller: Gilcrease Oil Co.							
Sand -----	33	33	Shale, sticky -----	57	1,891		
Sand and shale, sandy --	267	300	Shale, sandy, hard -----	49	1,940		
Sand -----	40	340	Sand -----	56	1,996		
Shale, sandy -----	25	365	Sand and shale -----	20	2,016		
Shale and boulders, shale sandy -----	75	440	Sand -----	34	2,050		
Shale, sandy -----	335	775	Shale -----	50	2,100		
Shale and boulders, shale sandy -----	372	1,147	Shale, hard -----	5	2,105		
Rock, hard -----	8	1,155	Shale, hard, broken -----	44	2,149		
Shale, sandy -----	15	1,170	Shale, hard -----	61	2,210		
Boulders -----	25	1,195	Shale, sandy -----	69	2,279		
Shale, sandy -----	49	1,244	Shale, hard -----	66	2,345		
Rock, hard -----	3	1,247	Rock, hard -----	5	2,350		
Shale, sandy, hard -----	15	1,262	Lime -----	263	2,613		
Rock, hard -----	1	1,263	Shale and lime -----	51	2,664		
Shale, sandy -----	2	1,265	Shale and lime, sticky --	48	2,712		
Shale, sandy, hard streaks	250	1,515	Chalk -----	15	2,727		
Shale -----	25	1,540	Shale -----	343	3,070		
Shale, sand, hard streaks	35	1,575	Limestone (Buda) -----	15	3,085		
Shale, sandy -----	251	1,826	Clay, Grayson shale (Del Rio clay) -----	66	3,151		
Shale -----	8	1,834	Limestone (Georgetown) --	64	3,215		
			Limestone (Edwards) -----	4	3,219		

Table 10.-Drillers' logs of wells in Bexar County, Tex.

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well 9					
Owner: Dan Danvers. Driller: J. R. Johnson.					
Soil-----	1	1	Grayson shale (Del		
Chalk, hard yellow -----	132	133	Rio clay) -----	58	200
Buda limestone -----	9	142	Edwards limestone: a/ Limestone -----	9	209
Well 21					
Owner: City of San Antonio. Driller: John Crowder.					
Soil -----	2	2	Limestone, porous, water	3	497
Clay, yellow -----	80	82	Limestone, hard -----	6	503
Shale, blue -----	78	160	Limestone, porous, water	4	507
Clay, yellow -----	10	170	Limestone, hard -----	6	513
Marl, hard -----	45	215	Crevice, water -----	2	515
Chalk -----	40	255	Limestone -----	6	521
Shale -----	10	265	Limestone, porous, water	2	523
Limestone -----	30	295	Limestone -----	4	527
Grayson shale (Del Rio clay) -----	55	350	Limestone, porous, water	2	529
Edwards limestone:			Limestone -----	2	531
Limestone -----	26	376	Limestone, porous, water	5	536
Limestone, porous, water	3	379	Limestone, hard, sandy -	4	540
Limestone, hard, white--	29	408	Limestone, gray -----	25	565
Limestone, gray -----	42	450	Limestone, soft white --	30	595
Limestone, hard sandy --	20	470	Limestone, hard, splinters -----	24	619
Limestone, porous, water	10	480	Limestone, porous, water	6	625
Limestone, hard sandy --	14	494	Limestone, hard, gray --	25	650

a/ Edwards limestone as used in driller's logs generally includes Georgetown and Comanche Peak limestones. In this report the three formations are referred to as the "Edwards and associated limestones"